MONITOR

```
MM      MM    OOOOOO    NN      NN  DDDDDDD    AAAAAA    TTTTTTTTTT
MM      MM    OOOOOO    NN      NN  DDDDDDD    AAAAAA    TTTTTTTTTT
MMMM  MMMM    OO    OO  NN      NN  DD    DD  AA    AA       TT
MMMM  MMMM    OO    OO  NN      NN  DD    DD  AA    AA       TT
MM  MM  MM    OO    OO  NNNN    NN  DD    DD  AA    AA       TT
MM  MM  MM    OO    OO  NNNN    NN  DD    DD  AA    AA       TT
MM      MM    OO    OO  NN  NN  NN  DD    DD  AA    AA       TT
MM      MM    OO    OO  NN  NN  NN  DD    DD  AAAAAAAAAA     TT
MM      MM    OO    OO  NN    NNNN  DD    DD  AAAAAAAAAA     TT
MM      MM    OO    OO  NN    NNNN  DD    DD  AA    AA       TT
MM      MM    OO    OO  NN      NN  DD    DD  AA    AA       TT
MM      MM    OO    OO  NN      NN  DD    DD  AA    AA       TT    ....
MM      MM    OOOOOO    NN      NN  DDDDDDD   AA    AA       TT    ....
MM      MM    OOOOOO    NN      NN  DDDDDDD   AA    AA       TT    ....


LL            IIIIII      SSSSSSSS
LL            IIIIII      SSSSSSSS
LL              II      SS
LL              II      SS
LL              II      SS
LL              II      SS
LL              II        SSSSSS
LL              II        SSSSSS
LL              II              SS
LL              II              SS
LL              II              SS
LL              II              SS
LLLLLLLLLL    IIIIII    SSSSSSSS
LLLLLLLLLL    IIIIII    SSSSSSSS
```

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```
0000     1              .TITLE   MONDAT - Data Structures For MONITOR utility
0000     2              .IDENT   'V04-000'
0000     3
0000     4    ;
0000     5    ;***************************************************************************
0000     6    ;*                                                                         *
0000     7    ;*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                *
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0000    24    ;*                                                                         *
0000    25    ;*                                                                         *
0000    26    ;***************************************************************************
0000    27
0000    28    ;++
0000    29    ; FACILITY:  VAX/VMS MONITOR Utility
0000    30    ;
0000    31    ; ABSTRACT:
0000    32    ;
0000    33    ;       This module is a collection of data structures used by the
0000    34    ;       various executable modules of the Monitor utility.
0000    35    ;
0000    36    ;       Included are the CDB Table, the IDB table and the
0000    37    ;       CLASSTABLE. The CDB Table is a set of contiguous Class
0000    38    ;       Descriptor Blocks, one for each class, in order by class
0000    39    ;       number. The IDB table (PERFTABLE) is a set of contiguous
0000    40    ;       Item Descriptor Blocks, one for each Monitor data item,
0000    41    ;       in an order determined by the $PMSDEF macro. The CLASSTABLE
0000    42    ;       is a set of contiguous longword pairs, one pair for each
0000    43    ;       class; each pair consists of a pointer to a counted ASCII
0000    44    ;       string naming the class, followed by a longword class number.
0000    45    ;
0000    46    ; ENVIRONMENT:  Non-executable data structures.
0000    47    ;
0000    48    ; AUTHOR: H. M. Levy    , CREATION DATE: 2-May-1977
0000    49    ;
0000    50    ; MODIFIED BY:
0000    51    ;
0000    52    ;       V03-021 TLC1088         Thomas L. Cafarella     25-Jul-1984     14:00
0000    53    ;               Free virtual memory obtained for multi-file summary.
0000    54    ;
0000    55    ;       V03-020 TLC1085         Thomas L. Cafarella     22-Jul-1984     14:00
0000    56    ;               Calculate scale values for Free and Modified List bar graphs.
0000    57    ;
```

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```
0000   58 :    V03-020 TLC1084        Thomas L. Cafarella    24-Jul-1984    11:00
0000   59 :            Disable VMS1 class; update structure level ID.
0000   60 :
0000   61 :    V03-019 TLC1079        Thomas L. Cafarella    11-Jul-1984    11:00
0000   62 :            Miscellaneous name and label changes.
0000   63 :
0000   64 :    V03-018 TLC1072        Thomas L. Cafarella    17-Apr-1984    11:00
0000   65 :            Add volume name to DISK display.
0000   66 :
0000   67 :    V03-017 TLC1066        Thomas L. Cafarella    01-Apr-1984    11:00
0000   68 :            Add SYSTEM class.
0000   69 :
0000   70 :    V03-017 PRS1014        Paul R. Senn           29-Mar-1984    11:00
0000   71 :            Misc. changes to VMS1 class
0000   72 :
0000   73 :    V03-016 TLC1061        Thomas L. Cafarella    18-Mar-1984    11:00
0000   74 :            Identify dual-path disks by allocation class.
0000   75 :
0000   76 :    V03-016 TLC1056        Thomas L. Cafarella    22-Mar-1984    11:00
0000   77 :            Disable journaling classes and exclude class which is disabled.
0000   78 :
0000   79 :    V03-015 PRS1010        Paul R. Senn           27-FEB-1984     9:00
0000   80 :            Add Deadlock Message Rate to DLOCK class
0000   81 :
0000   82 :    V03-015 PRS1009        Paul R. Senn           22-FEB-1984    14:00
0000   83 :            Add Internal-use-only VMS1 Class
0000   84 :
0000   85 :    V03-015 PRS1007        Paul R. Senn           17-FEB-1984    14:00
0000   86 :            Misc. changes to ACPCACHE and FCP classes related to the XQP
0000   87 :            (including changing the name of ACPCACHE class to XQPCACHE)
0000   88 :
0000   89 :    V03-015 PRS1006        Paul R. Senn           17-FEB-1984    14:00
0000   90 :            Add support for ''computed'' items
0000   91 :
0000   92 :    V03-015 TLC1052        Thomas L. Cafarella    17-Feb-1984    11:00
0000   93 :            Add multi-file summary capability.
0000   94 :
0000   95 :    V03-014 PRS1005        Paul R. Senn           13-JAN-1983    10:00
0000   96 :            Allow flexible spacing between screen items
0000   97 :
0000   98 :    V03-014 PRS1004        Paul R. Senn           11-JAN-1983    16:00
0000   99 :            Misc. changes to POOL class
0000  100 :
0000  101 :    V03-013 PRS1001        Paul R. Senn           27-Dec-1983    16:00
0000  102 :            Add ALL CLASSES Pseudo-class
0000  103 :
0000  104 :    V03-012 TLC1050        Thomas L. Cafarella    06-Dec-1983    11:00
0000  105 :            Change directory information in DLOCK class.
0000  106 :
0000  107 :    V03-011 SPC0004        Stephen P. Carney      24-Jun-1983    16:00
0000  108 :            Add SCS class.
0000  109 :
0000  110 :    V03-010 TLC1042        Thomas L. Cafarella    19-Jun-1983    15:00
0000  111 :            Add /ITEM qualifier for homogeneous classes.
0000  112 :
0000  113 :    V03-010 TLC1040        Thomas L. Cafarella    15-Jun-1983    10:00
0000  114 :            Add directory node indicator to DLOCK class.
```

```
0000  115 ;
0000  116 ;          V03-010 TLC1036        Thomas L. Cafarella    10-Jun-1983    15:00
0000  117 ;                  Properly recognize Revision Level 0.
0000  118 ;
0000  119 ;          V03-009 TLC1035        Thomas L. Cafarella    06-Jun-1983    15:00
0000  120 ;                  Add homogeneous class type and DISK class.
0000  121 ;
0000  122 ;          V03-009 TLC1034        Thomas L. Cafarella    06-Jun-1983    15:00
0000  123 ;                  Add DLOCK class.
0000  124 ;
0000  125 ;          V03-009 SPC0003        Stephen P. Carney      06-Jun-1983    15:00
0000  126 ;                  Add JDEVICE class.
0000  127 ;
0000  128 ;          V03-008 TLC1032        Thomas L. Cafarella    27-May-1983    15:00
0000  129 ;                  Add Blocking AST Rate to LOCK class.
0000  130 ;
0000  131 ;          V03-007 SPC0002        Stephen P. Carney      22-Apr-1983    14:00
0000  132 ;                  Add ACPCACHE class.
0000  133 ;
0000  134 ;          V03-007 TLC1029        Thomas L. Cafarella    21-Apr-1983    10:00
0000  135 ;                  Correctly calculate "Interrupt Stack" string.
0000  136 ;
0000  137 ;          V03-006 TLC1028        Thomas L. Cafarella    14-Apr-1983    16:00
0000  138 ;                  Add interactive user interface.
0000  139 ;
0000  140 ;          V03-006 TLC1027        Thomas L. Cafarella    14-Apr-1983    16:00
0000  141 ;                  Enhance file compatibility features.
0000  142 ;
0000  143 ;          V03-006 TLC1026        Thomas L. Cafarella    14-Apr-1983    16:00
0000  144 ;                  Miscellaneous updates to JOURNALING, RU and FCP classes
0000  145 ;
0000  146 ;          V03-005 TLC1023        Thomas L. Cafarella    14-Jul-1982    10:00
0000  147 ;                  Lengthen title string and class-name for the
0000  148 ;                  RECOVERY class (now RECOVERY_UNIT).
0000  149 ;
0000  150 ;          V03-004 TLC1022        Thomas L. Cafarella    12-Jul-1982    16:00
0000  151 ;                  Add CDB's and BLDIDB macros for the JOURNALING
0000  152 ;                  and RECOVERY classes.
0000  153 ;
0000  154 ;          V03-003 TLC43701       Thomas L. Cafarella    12-Jul-1982    15:00
0000  155 ;                  Pick up "File Lookups" from correct counter (FCP class).
0000  156 ;
0000  157 ;          V03-002 TLC1015        Thomas L. Cafarella    01-Apr-1982    16:00
0000  158 ;                  Change .PSECT options in order to group image sections.
0000  159 ;
0000  160 ;          V03-001 TLC1004        Thomas L. Cafarella    25-Mar-1982    17:00
0000  161 ;                  Correct wording of MODES Interrupt Stack label.
0000  162 ;
0000  163 ;                  Eliminate unused labels and add form-feeds for readability.
0000  164 ;
0000  165 ;--
```

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```
         0000    167              .SBTTL   DECLARATIONS
     00000000    168              .PSECT   DSPDATA,QUAD,NOEXE
         0000    169
         0000    170    ;
         0000    171    ; INCLUDE FILES:
         0000    172    ;
         0000    173
         0000    174              $CDBDEF                          ; Class Descriptor Block definitions
         0000    175              $IDBDEF                          ; Item Descriptor Block definitions
         0000    176              $PFNDEF                          ; Page frame data base
         0000    177              $PHDDEF                          ; Define process header
         0000    178              $PMSDEF                          ; Define data items
         0000    179              $MONDEF                          ; Monitor Recording File definitions
         0000    180
         0000    181    ;
         0000    182    ; MACROS:
         0000    183    ;
         0000    184
         0000    185    ;
         0000    186    ; Local Macro Definitions
         0000    187    ;
         0000    188
         0000    189    ;
         0000    190    ; CSTRING Macro - Construct a counted ascii string
         0000    191    ;
         0000    192
         0000    193              .MACRO   CSTRING STRING,?LAA,?LBB
         0000    194              .BYTE    LBB-LAA
         0000    195  LAA:        .ASCII   \STRING\
         0000    196  LBB:
         0000    197              .ENDM    CSTRING
         0000    198
         0000    199    ;
         0000    200    ; BLDIDB Macro - Build Item Descriptor Block.  Blocks are indexed in
         0000    201    ; PERFTABLE by the item number times the length of each block.
         0000    202    ;
         0000    203
         0000    204              .MACRO   BLDIDB   NAME,SSTRING,LSTRING,SIZE=LONG,-
         0000    205                       TYPE,ADDR,?LAA,?LBB,FLAGS=0
         0000    206              .SAVE
         0000    207              .PSECT   $$STRINGS,NOEXE
         0000    208  LAA:        CSTRING <SSTRING>
         0000    209  LBB:        CSTRING <LSTRING>
         0000    210              .RESTORE
         0000    211              $$T1 = .
         0000    212              $$VAL=IDB$K_ILENGTH*PMS$C_'NAME
         0000    213              .=PERFTABLE+$$VAL
         0000    214              .LONG    LAA
         0000    215              .LONG    LBB
         0000    216              .WORD    SIZE'_SIZE
         0000    217              .WORD    TYPE'_TYPE
         0000    218              .LONG    ADDR
         0000    219              .BYTE    FLAGS
         0000    220              .=$$T1
         0000    221              .ENDM    BLDIDB
         0000    222
         0000    223    ;
```

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```
0000    224 ; CHDHDR Macro - Build CHange Descriptors Header. The header consists of
0000    225 ; a single byte representing the current Revision Level for the class.
0000    226 ; Following the CHDHDR macro must be a CHD macro for each revision level
0000    227 ; up to and including the current level.
0000    228 ;
0000    229
0000    230         .MACRO  CHDHDR  ADDRESS,REVLEVEL
0000    231         ASSUME $$CHD_COUNT EQ $$CHD_PRES ; Check CHD count from previous class
0000    232         $$CHD_PRES = 0                   ; Init CHDs actually present
0000    233         $$CHD_COUNT = REVLEVEL + 1       ; Set CHD count
0000    234 ADDRESS': .BYTE REVLEVEL                 ; Generate byte revision level
0000    235         .ENDM   CHDHDR
0000    236
0000    237
0000    238 ; CHD Macro - Build CHange Descriptor. The change descriptor provides
0000    239 ; information necessary to define a change to the item structure of
0000    240 ; a class. A CHD macro is required for each change (including Rev Level 0).
0000    241 ; All CHDs for a single class follow in chronological order after the
0000    242 ; CHDHDR macro. When a new CHD is added, the REVLEVEL field in the
0000    243 ; CHDHDR macro must be changed.
0000    244 ;
0000    245
0000    246         .MACRO  CHD     ITEMCOUNT,ITEMSTRING,BLOCKLEN,ELIDLEN=0,DISPCTL=0
0000    247         .LONG   ITEMCOUNT               ; Generate item count
0000    248         .LONG   ITEMSTRING              ; Generate item string address
0000    249         .WORD   BLOCKLEN                ; Generate block len (for PROCESSES)
0000    250         .BYTE   ELIDLEN                 ; Generate elt ID length (for homogs)
0000    251         .WORD   DISPCTL                 ; Generate display control bit string
0000    252         $$CHD_PRES = $$CHD_PRES + 1     ; Incr no. of CHDs present this class
0000    253         .ENDM   CHD
```

```
                   0000    255  ;
                   0000    256  ; EQUATED SYMBOLS:
                   0000    257  ;
                   0000    258
                   0000    259
                   0000    260  ;
                   0000    261  ; The following size indicators specify how many bits should be
                   0000    262  ; fetched for each data item.
                   0000    263  ;
                   0000    264  ; The types specify what transformations should be performed on the
                   0000    265  ; data once it is fetched.  For example, if the data is an accumulated
                   0000    266  ; time, it is usually subtracted from the previous value to compute
                   0000    267  ; the time spent during the interval.
                   0000    268  ;
                   0000    269
    00000000       0000    270          BYTE_SIZE == 0                  ; Indicator for BYTE datum
    00000001       0000    271          WORD_SIZE == 1                  ; Indicator for WORD datum
    00000002       0000    272          LONG_SIZE == 2                  ; Indicator for LONG datum
                   0000    273
    00000000       0000    274          OWN_TYPE == 0                   ; Do nothing with value
    00000001       0000    275          COUNT_TYPE == 1                 ; Indicates data item is a count
    00000002       0000    276          LEVEL_TYPE == 2                 ; Indicates data item is a level
                   0000    277
    00000000       0000    278          PROCS_CLSNO == 0                ; Class number for PROCESSES class
    00000001       0000    279          STATES_CLSNO == 1               ; Class number for STATES class
    00000002       0000    280          MODES_CLSNO == 2                ; Class number for MODES class
    0000000C       0000    281          DISK_CLSNO == 12                ; Class number for DISK class
    0000000E       0000    282          DLOCK_CLSNO == 14               ; Class number for DLOCK class
    00000011       0000    283          SYSTEM_CLSNO == 17              ; Class number for SYSTEM class
                   0000    284
    00000014       0000    285          TOP_RANGE == 20                 ; Range for TOP bar displays (exc. TOPCPU
                   0000    286
    00000007       0000    287          MODES_ICOUNT == 7               ; Number of MODES items (Rev. Level 0)
                   0000    288
                   0000    289
                   0000    290
```

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```
                    0000   292 ;
                    0000   293 ;          The MONITOR recording file structure level identification is:
                    0000   294 ;
                    0000   295 ;                          MONdduff
                    0000   296 ;
                    0000   297 ;          where dd is a 2-character Data Level. It is changed every time a
                    0000   298 ;          change occurs to the definition of one or more classes, or when
                    0000   299 ;          item(s) are annexed to the File Header Record or the System Informat
                    0000   300 ;          Record. These changes must be upward-compatible. MONITOR does not
                    0000   301 ;          examine the dd field.
                    0000   302 ;
                    0000   303 ;          u is an unused character. MONITOR does not examine it.
                    0000   304 ;
                    0000   305 ;          ff is a 2-character Format Level. It is changed every time a change
                    0000   306 ;          is made to the file format which cannot be made upward-compatible.
                    0000   307 ;          MONITOR examines this field. If the format level of the incoming
                    0000   308 ;          playback file does not match the current format level (in ST_LEVEL_C
                    0000   309 ;          exactly, the MONITOR request is terminated with an error.
                    0000   310 ;
                    0000   311
                    0000   312 ST_LEVEL_CUR::
 31 30 30 37 31 4E 4F 4D  0000   313          .ASCII  \MON17001\          ; Current MONITOR recording file structure l
                    0008   314
```

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```
                          0008  316  ;
                          0008  317  ; Class Descriptor Blocks
                          0008  318  ;
                          0008  319  ; As a possible future enhancement, write a BLDCDB macro which builds a
                          0008  320  ; CDB for each class and builds the CLASSTABLE (which is hard-coded below).
                          0008  321  ; Include ASSUME macros to verify at assembly time that the CDB structure
                          0008  322  ; definition is in sync with the BLDCDB macro (particularly CDBSK_SIZE).
                          0008  323  ;
                          0008  324  ;
                          0008  325  CDBHEAD::                                    ; head of CDB table
                          0008  326
                          0008  327  ; CDB for PROCESSES class
                          0008  328  ;
                          0008  329  ;
                          0008  330
 00000000 00000000        0008  331          .LONG    0,0                         ; FAO control string descr (addr MBZ)
 00000000 00000000        0010  332          .LONG    0,0                         ; m.f. summ buff str descr (addr MBZ)
          000008BD'       0018  333          .LONG    REGTITLE                    ; title string
          00000020        001C  334          .BLKL    1                           ; number of items for TOP displays
          00000024        0020  335          .BLKL    1                           ; same as above
          00000000        0024  336          .LONG    0                           ; addr of PDD (Revision Level 0)
          0000002A        0028  337          .BLKW    1                           ; data block length
          0000002A'       002A  338          .LONG    PROC_PRE                    ; pre-collection routine
          00000000        002E  339          .LONG    0                           ; no post-collection routine
          0000003A        0032  340          .BLKL    2                           ; collection buffer block string descriptor
          00000000        003A  341          .LONG    0                           ; address of CDX (0 if heterogeneous)
          0000            003E  342          .WORD    0                           ; display control bit string
 00000014 00000000        0040  343          .LONG    0,TOP_RANGE                 ; min and max values for TOP displays
          0000004A        0048  344          .BLKB    2                           ; lengths of FAO segments (for homogs)
          0000004B        004A  345          .BLKB    1                           ; active PROCESSES display type
          60              004B  346          .BYTE    REG_PROC                    ; default PROCESSES display type
          0000004D        004C  347          .BLKB    1                           ; current PROCESSES display type
          0000004F        004D  348          .BLKW    1                           ; active qualifier flags
          0000            004F  349          .WORD    0                           ; default qualifier flags
          00000053        0051  350          .BLKW    1                           ; current qualifier flags
          00000000        0053  351          .LONG    0                           ; flags
          00000C45'       0057  352          .LONG    PROCESSES_CHD               ; addr of change descriptors
                          005B  353  ;
                          005B  354  ; CDB for STATES class
                          005B  355  ;
                          005B  356
 00000000 00000000        005B  357          .LONG    0,0                         ; FAO control string descr (addr MBZ)
 00000000 00000000        0063  358          .LONG    0,0                         ; m.f. summ buff str descr (addr MBZ)
          00000A13'       006B  359          .LONG    STATETITLE                  ; title string
          0000007B        006F  360          .BLKL    3                           ; no. items, display elts, item str addr
          0000007D        007B  361          .BLKW    1                           ; block length (calc at run time)
          0000007D'       007D  362          .LONG    STATES_PRE                  ; pre-collection routine
          00000000        0081  363          .LONG    0                           ; post-collection routine
          0000008D        0085  364          .BLKL    2                           ; collection buffer block string descriptor
          00000000        008D  365          .LONG    0                           ; address of CDX (0 if heterogeneous)
          0000            0091  366          .WORD    0                           ; display control bit string
 00000028 00000000        0093  367          .LONG    0,40                        ; expected min and max values
          0000009D        009B  368          .BLKB    2                           ; lengths of FAO segments (for homogs)
          0000009E        009D  369          .BLKB    1                           ; active statistic
          01              009E  370          .BYTE    CUR_STAT                    ; default statistic
          0000009F        009F  371          .BLKB    1                           ; current statistic
          000000A2        00A0  372          .BLKW    1                           ; active qualifier flags
```

```
        0000  00A2  373          .WORD   0                          ; default qualifier flags
  000000A6  00A4  374          .BLKW   1                          ; current qualifier flags
  00000014  00A6  375          .LONG   CDBSM_UNIFORM+CDBSM_STD     ; flags
  00000C60' 00AA  376          .LONG   STATES_CHD                 ; addr of change descriptors
```

```
                             00AE   378  ;
                             00AE   379  ; CDB for MODES class
                             00AE   380  ;
                             00AE   381
00000000 00000000   00AE   382          .LONG   0,0                     ; FAO control string descr (addr MBZ)
00000000 00000000   00B6   383          .LONG   0,0                     ; m.f. summ buff str descr (addr MBZ)
         00000883'  00BE   384          .LONG   MODETITLE               ; title string
         000000CE   00C2   385          .BLKL   3                       ; no. items, display elts, item str addr
         000000D0   00CE   386          .BLKW   1                       ; block length (calc at run time)
         00000000'  00D0   387          .LONG   MODES_PRE               ; pre-collection routine
         00000000   00D4   388          .LONG   0                       ; post-collection routine
         000000E0   00D8   389          .BLKL   2                       ; collection buffer block string descriptor
         00000000   00E0   390          .LONG   0                       ; address of CDX (0 if heterogeneous)
             0000   00E4   391          .WORD   0                       ; display control bit string
00000064 00000000   00E6   392          .LONG   0,100                   ; expected min and max values
         000000F0   00EE   393          .BLKB   2                       ; lengths of FAO segments (for homogs)
         000000F1   00F0   394          .BLKB   1                       ; active statistic
               01   00F1   395          .BYTE   CUR_STAT                ; default statistic
         000000F3   00F2   396          .BLKB   1                       ; current statistic
         000000F5   00F3   397          .BLKW   1                       ; active qualifier flags
             0002   00F5   398          .WORD   CDB$M_CPU               ; default qualifier flags
         000000F9   00F7   399          .BLKW   1                       ; current qualifier flags
         00000015   00F9   400          .LONG   CDB$M_CTPRES+CDB$M_UNIFORM+CDB$M_STD
                    00FD   401                                          ; flags
         00000C6E'  00FD   402          .LONG   MODES_CHD               ; addr of change descriptors
                    0101   403  ;
                    0101   404  ; CDB for PAGE class
                    0101   405  ;
                    0101   406
00000000 00000000   0101   407          .LONG   0,0                     ; FAO control string descr (addr MBZ)
00000000 00000000   0109   408          .LONG   0,0                     ; m.f. summ buff str descr (addr MBZ)
         00000985'  0111   409          .LONG   PAGETITLE               ; title string
         00000121   0115   410          .BLKL   3                       ; no. items, display elts, item str addr
         00000123   0121   411          .BLKW   1                       ; block length (calc at run time)
         00000000'  0123   412          .LONG   PAGE_PRE                ; pre-collection routine
         00000000   0127   413          .LONG   0                       ; post-collection routine
         00000133   012B   414          .BLKL   2                       ; collection buffer block string descriptor
         00000000   0133   415          .LONG   0                       ; address of CDX (0 if heterogeneous)
             0000   0137   416          .WORD   0                       ; display control bit string
00000050 00000000   0139   417          .LONG   0,80                    ; expected min and max values
         00000143   0141   418          .BLKB   2                       ; lengths of FAO segments (for homogs)
         00000144   0143   419          .BLKB   1                       ; active statistic
               00   0144   420          .BYTE   ALL_STAT                ; default statistic
         00000146   0145   421          .BLKB   1                       ; current statistic
         00000148   0146   422          .BLKW   1                       ; active qualifier flags
             0000   0148   423          .WORD   0                       ; default qualifier flags
         0000014C   014A   424          .BLKW   1                       ; current qualifier flags
         00000011   014C   425          .LONG   CDB$M_CTPRES+CDB$M_STD  ; flags
         00000C7C'  0150   426          .LONG   PAGE_CHD                ; addr of change descriptors
```

```
                            0154    428 ;
                            0154    429 ; CDB for IO class
                            0154    430 ;
                            0154    431
00000000 00000000           0154    432        .LONG    0,0                       ; FAO control string descr (addr MBZ)
00000000 00000000           015C    433        .LONG    0,0                       ; m.f. summ buff str descr (addr MBZ)
         00000A30'          0164    434        .LONG    IORATETITLE               ; title string
         00000174           0168    435        .BLKL    3                         ; no. items, display elts, item str addr
         00000176           0174    436        .BLKW    1                         ; block length (calc at run time)
         00000000           0176    437        .LONG    0                         ; pre-collection routine
         00000000           017A    438        .LONG    0                         ; post-collection routine
         00000186           017E    439        .BLKL    2                         ; collection buffer block string descriptor
         00000000           0186    440        .LONG    0                         ; address of CDX (0 if heterogeneous)
         0000              018A    441        .WORD    0                         ; display control bit string
00000050 00000000           018C    442        .LONG    0,80                      ; expected min and max values
         00000196           0194    443        .BLKB    2                         ; lengths of FAO segments (for homogs)
         00000197           0196    444        .BLKB    1                         ; active statistic
         00                 0197    445        .BYTE    ALL_STAT                  ; default statistic
         00000199           0198    446        .BLKB    1                         ; current statistic
         00000198           0199    447        .BLKW    1                         ; active qualifier flags
         0000              019B    448        .WORD    0                         ; default qualifier flags
         0000019F           019D    449        .BLKW    1                         ; current qualifier flags
         00000011           019F    450        .LONG    CDBSM_CTPRES+CDBSM_STD    ; flags
         00000C8A'          01A3    451        .LONG    IO_CHD                    ; addr of change descriptors
                            01A7    452
                            01A7    453 ; CDB for FCP (File Control Primitives) class
                            01A7    454 ;
                            01A7    455
00000000 00000000           01A7    456        .LONG    0,0                       ; FAO control string descr (addr MBZ)
00000000 00000000           01AF    457        .LONG    0,0                       ; m.f. summ buff str descr (addr MBZ)
         0000093A'          01B7    458        .LONG    FCPTITLE                  ; title string address
         000001C7           01BB    459        .BLKL    3                         ; no. items, display elts, item str addr
         000001C9           01C7    460        .BLKW    1                         ; block length (calc at run time)
         00000000'          01C9    461        .LONG    FCP_PRE                   ; pre-collection routine
         00000000           01CD    462        .LONG    0                         ; post-collection routine
         000001D9           01D1    463        .BLKL    2                         ; collection buffer block string descriptor
         00000000           01D9    464        .LONG    0                         ; address of CDX (0 if heterogeneous)
         0000              01DD    465        .WORD    0                         ; display control bit string
00000014 00000000           01DF    466        .LONG    0,20                      ; expected min and max values
         000001E9           01E7    467        .BLKB    2                         ; lengths of FAO segments (for homogs)
         000001EA           01E9    468        .BLKB    1                         ; active statistic
         00                 01EA    469        .BYTE    ALL_STAT                  ; default statistic
         000001EC           01EB    470        .BLKB    1                         ; current statistic
         000001EE           01EC    471        .BLKW    1                         ; active qualifier flags
         0000              01EE    472        .WORD    0                         ; default qualifier flags
         000001F2           01F0    473        .BLKW    1                         ; current qualifier flags
         00000011           01F2    474        .LONG    CDBSM_CTPRES+CDBSM_STD    ; flags
         00000C98'          01F6    475        .LONG    FCP_CHD                   ; addr of change descriptors
```

```
                        01FA    477 ;
                        01FA    478 ; CDB for POOL class
                        01FA    479 ;
                        01FA    480
00000000 00000000       01FA    481         .LONG   0,0                         ; FAO control string descr (addr MBZ)
00000000 00000000       0202    482         .LONG   0,0                         ; m.f. summ buff str descr (addr MBZ)
         000009B4'      020A    483         .LONG   POOLTITLE                   ; title string
         0000021A       020E    484         .BLKL   3                           ; no. items, display elts, item str addr
         0000021C       021A    485         .BLKW   1                           ; block length (calc at run time)
         00000000'      021C    486         .LONG   POOL_PRE                    ; pre-collection routine
         00000000       0220    487         .LONG   0                           ; post-collection routine
         0000022C       0224    488         .BLKL   2                           ; collection buffer block string descriptor
         00000000       022C    489         .LONG   0                           ; address of CDX (0 if heterogeneous)
             0000       0230    490         .WORD   0                           ; display control bit string
000186A0 00000000       0232    491         .LONG   0,100000                    ; expected min and max values
         0000023C       023A    492         .BLKB   2                           ; lengths of FAO segments (for homogs)
         0000023D       023C    493         .BLKB   1                           ; active statistic
               00       023D    494         .BYTE   ALL_STAT                    ; default statistic
         0000023F       023E    495         .BLKB   1                           ; current statistic
         00000241       023F    496         .BLKW   1                           ; active qualifier flags
             0000       0241    497         .WORD   0                           ; default qualifier flags
         00000245       0243    498         .BLKW   1                           ; current qualifier flags
         00000410       0245    499         .LONG   CDBSM_STD+CDBSM_KUNITS      ; flags
         00000CCD'      0249    500         .LONG   POOL_CHD                    ; addr of change descriptors
                        024D    501 ;
                        024D    502 ; CDB for LOCK (Lock Management statistics) class
                        024D    503 ;
                        024D    504
00000000 00000000       024D    505         .LONG   0,0                         ; FAO control string descr (addr MBZ)
00000000 00000000       0255    506         .LONG   0,0                         ; m.f. summ buff str descr (addr MBZ)
         000009E0'      025D    507         .LONG   LOCKTITLE                   ; title string
         0000026D       0261    508         .BLKL   3                           ; no. items, display elts, item str addr
         0000026F       026D    509         .BLKW   1                           ; block length (calc at run time)
         00000000'      026F    510         .LONG   LOCK_PRE                    ; pre-collection routine
         00000000       0273    511         .LONG   0                           ; post-collection routine
         0000027F       0277    512         .BLKL   2                           ; collection buffer block string descriptor
         00000000       027F    513         .LONG   0                           ; address of CDX (0 if heterogeneous)
             0000       0283    514         .WORD   0                           ; display control bit string
00000014 00000000       0285    515         .LONG   0,20                        ; expected min and max values
         0000028F       028D    516         .BLKB   2                           ; lengths of FAO segments (for homogs)
         00000290       028F    517         .BLKB   1                           ; active statistic
               00       0290    518         .BYTE   ALL_STAT                    ; default statistic
         00000292       0291    519         .BLKB   1                           ; current statistic
         00000294       0292    520         .BLKW   1                           ; active qualifier flags
             0000       0294    521         .WORD   0                           ; default qualifier flags
         00000298       0296    522         .BLKW   1                           ; current qualifier flags
         00000011       0298    523         .LONG   CDBSM_CTPRES+CDBSM_STD      ; flags
         00000CE8'      029C    524         .LONG   LOCK_CHD                    ; addr of change descriptors
```

```
                        02A0   526  ; CDB for DECnet class
                        02A0   527  ;
                        02A0   528  ;
                        02A0   529
00000000 00000000       02A0   530          .LONG   0,0                         ; FAO control string descr (addr MBZ)
00000000 00000000       02A8   531          .LONG   0,0                         ; m.f. summ buff str descr (addr MBZ)
         00000A01'      02B0   532          .LONG   DECNETTITLE                 ; title string
         000002C0       02B4   533          .BLKL   3                           ; no. items, display elts, item str addr
         000002C2       02C0   534          .BLKW   1                           ; block length (calc at run time)
         00000000'      02C2   535          .LONG   DECNET_PRE                  ; pre-collection routine
         00000000       02C6   536          .LONG   0                           ; post-collection routine
         000002D2       02CA   537          .BLKL   2                           ; collection buffer block string descriptor
         00000000       02D2   538          .LONG   0                           ; address of CDX (0 if heterogeneous)
             0000       02D6   539          .WORD   0                           ; display control bit string
00000014 00000000       02D8   540          .LONG   0,20                        ; expected min and max values
         000002E2       02E0   541          .BLKB   2                           ; lengths of FAO segments (for homogs)
         000002E3       02E2   542          .BLKB   1                           ; active statistic
               00       02E3   543          .BYTE   ALL_STAT                    ; default statistic
         000002E5       02E4   544          .BLKB   1                           ; current statistic
         000002E7       02E5   545          .BLKW   1                           ; active qualifier flags
             0000       02E7   546          .WORD   0                           ; default qualifier flags
         000002EB       02E9   547          .BLKW   1                           ; current qualifier flags
         00000011       02EB   548          .LONG   CDBSM_CTPRES+CDBSM_STD      ; flags
         00000D03'      02EF   549          .LONG   DECNET_CHD                  ; addr of change descriptors
                        02F3   550
                        02F3   551  ;
                        02F3   552  ; CDB for Journaling class
                        02F3   553  ;
                        02F3   554
00000000 00000000       02F3   555          .LONG   0,0                         ; FAO control string descr (addr MBZ)
00000000 00000000       02FB   556          .LONG   0,0                         ; m.f. summ buff str descr (addr MBZ)
         00000A54'      0303   557          .LONG   JOURNALTITLE                ; title string
         00000313       0307   558          .BLKL   3                           ; no. items, display elts, item str addr
         00000315       0313   559          .BLKW   1                           ; block length (calc at run time)
         00000000       0315   560          .LONG   0                           ; pre-collection routine
         00000000       0319   561          .LONG   0                           ; post-collection routine
         00000325       031D   562          .BLKL   2                           ; collection buffer block string descriptor
         00000000       0325   563          .LONG   0                           ; address of CDX (0 if heterogeneous)
             0000       0329   564          .WORD   0                           ; display control bit string
00000064 00000000       032B   565          .LONG   0,100                       ; expected min and max values
         00000335       0333   566          .BLKB   2                           ; lengths of FAO segments (for homogs)
         00000336       0335   567          .BLKB   1                           ; active statistic
               00       0336   568          .BYTE   ALL_STAT                    ; default statistic
         00000338       0337   569          .BLKB   1                           ; current statistic
         0000033A       0338   570          .BLKW   1                           ; active qualifier flags
             0000       033A   571          .WORD   0                           ; default qualifier flags
         0000033E       033C   572          .BLKW   1                           ; current qualifier flags
         00000211       033E   573          .LONG   CDBSM_CTPRES+CDBSM_STD+CDBSM_DISABLE    ; flags
         00000D11'      0342   574          .LONG   JOURNAL_CHD                 ; addr of change descriptors
```

```
                          0346   576 ; CDB for RU class (Recovery Units Facility)
                          0346   577 ;
                          0346   578 ;
                          0346   579 ;
   00000000 00000000      0346   580         .LONG   0,0                  ; FAO control string descr (addr MBZ)
   00000000 00000000      034E   581         .LONG   0,0                  ; m.f. summ buff str descr (addr MBZ)
            00000A8D'      0356   582         .LONG   RECOVERYTITLE        ; title string
            00000366       035A   583         .BLKL   3                    ; no. items, display elts, item str addr
            00000368       0366   584         .BLKW   1                    ; block length (calc at run time)
            00000000       0368   585         .LONG   0                    ; pre-collection routine
            00000000       036C   586         .LONG   0                    ; post-collection routine
            00000378       0370   587         .BLKL   2                    ; collection buffer block string descriptor
            00000000       0378   588         .LONG   0                    ; address of CDX (0 if heterogeneous)
            0000           037C   589         .WORD   0                    ; display control bit string
   00000014 00000000       037E   590         .LONG   0,20                 ; expected min and max values
            00000388       0386   591         .BLKB   2                    ; lengths of FAO segments (for homogs)
            00000389       0388   592         .BLKB   1                    ; active statistic
            00             0389   593         .BYTE   ALL_STAT             ; default statistic
            0000038B       038A   594         .BLKB   1                    ; current statistic
            0000038D       038B   595         .BLKW   1                    ; active qualifier flags
            0000           038D   596         .WORD   0                    ; default qualifier flags
            00000391       038F   597         .BLKW   1                    ; current qualifier flags
            00000211       0391   598         .LONG   CDBSM_CTPRES+CDBSM_STD+CDBSM_DISABLE   ; flags
            00000D2C'      0395   599         .LONG   RU_CHD               ; addr of change descriptors
                          0399   600
                          0399   601
                          0399   602 ; CDB for FILE_SYSTEM_CACHE class
                          0399   603 ;
                          0399   604
   00000000 00000000      0399   605         .LONG   0,0                  ; FAO control string descr (addr MBZ)
   00000000 00000000      03A1   606         .LONG   0,0                  ; m.f. summ buff str descr (addr MBZ)
            00000AB8'      03A9   607         .LONG   FSCACHETITLE         ; title string
            000003B9       03AD   608         .BLKL   3                    ; no. items, display elts, item str addr
            000003BB       03B9   609         .BLKW   1                    ; block length (calc at run time)
            00000000'      03BB   610         .LONG   FSCACHE_PRE          ; pre-collection routine
            00000000       03BF   611         .LONG   0                    ; post-collection routine
            000003CB       03C3   612         .BLKL   2                    ; collection buffer block string descriptor
            00000000       03CB   613         .LONG   0                    ; address of CDX (0 if heterogeneous)
            0000           03CF   614         .WORD   0                    ; display control bit string
   00000014 00000000       03D1   615         .LONG   0,20                 ; expected min and max values
            000003DB       03D9   616         .BLKB   2                    ; lengths of FAO segments (for homogs)
            000003DC       03DB   617         .BLKB   1                    ; active statistic
            00             03DC   618         .BYTE   ALL_STAT             ; default statistic
            000003DE       03DD   619         .BLKB   1                    ; current statistic
            000003E0       03DE   620         .BLKW   1                    ; active qualifier flags
            0000           03E0   621         .WORD   0                    ; default qualifier flags
            000003E4       03E2   622         .BLKW   1                    ; current qualifier flags
            00000011       03E4   623         .LONG   CDBSM_CTPRES+CDBSM_STD   ; flags
            00000D3A'      03E8   624         .LONG   FSCACHE_CHD          ; addr of change descriptors
```

```
                          03EC    626 ; CDB for DISK class
                          03EC    627 ;
                          03EC    628 ;
                          03EC    629
    00000000 00000000     03EC    630         .LONG   0,0                     ; FAO control string descr (addr MBZ)
    00000000 00000000     03F4    631         .LONG   0,0                     ; m.f. summ buff str descr (addr MBZ)
             00000AF4'    03FC    632         .LONG   DISKTITLE               ; title string
             0000040C     0400    633         .BLKL   3                       ; no. items, display elts, item str addr
             0000040E     040C    634         .BLKW   1                       ; block length (calc at run time)
             00000000'    040E    635         .LONG   DISK_PRE                ; pre-collection routine
             00000000     0412    636         .LONG   0                       ; post-collection routine
             0000041E     0416    637         .BLKL   2                       ; collection buffer block string descriptor
             00000631'    041E    638         .LONG   DISK_CDX                ; address of CDX (0 if heterogeneous)
             0000         0422    639         .WORD   0                       ; display control bit string
    00000014 00000000     0424    640         .LONG   0,20                    ; expected min and max values
             0000042E     042C    641         .BLKB   2                       ; lengths of FAO segments (for homogs)
             0000042F     042E    642         .BLKB   1                       ; active statistic
             00           042F    643         .BYTE   ALL_STAT                ; default statistic
             00000431     0430    644         .BLKB   1                       ; current statistic
             00000433     0431    645         .BLKW   1                       ; active qualifier flags
             0000         0433    646         .WORD   0                       ; default qualifier flags
             00000437     0435    647         .BLKW   1                       ; current qualifier flags
             00000035     0437    648         .LONG   CDB$M_CTPRES+CDB$M_UNIFORM+CDB$M_HOMOG+CDB$M_STD
                          043B    649                                         ; flags
             00000D55'    043B    650         .LONG   DISK_CHD                ; addr of change descriptors
                          043F    651
                          043F    652 ;
                          043F    653 ; CDB for JDEVICE class
                          043F    654 ;
                          043F    655
    00000000 00000000     043F    656         .LONG   0,0                     ; FAO control string descr (addr MBZ)
    00000000 00000000     0447    657         .LONG   0,0                     ; m.f. summ buff str descr (addr MBZ)
             00000B0B'    044F    658         .LONG   JDEVICETITLE            ; title string
             0000045F     0453    659         .BLKL   3                       ; no. items, display elts, item str addr
             00000461     045F    660         .BLKW   1                       ; block length (calc at run time)
             00000000'    0461    661         .LONG   JDEVICE_PRE             ; pre-collection routine
             00000000     0465    662         .LONG   0                       ; post-collection routine
             00000471     0469    663         .BLKL   2                       ; collection buffer block string descriptor
             00000661'    0471    664         .LONG   JDEVICE_CDX             ; address of CDX (0 if heterogeneous)
             0000         0475    665         .WORD   0                       ; display control bit string
    00000014 00000000     0477    666         .LONG   0,20                    ; expected min and max values
             00000481     047F    667         .BLKB   2                       ; lengths of FAO segments (for homogs)
             00000482     0481    668         .BLKB   1                       ; active statistic
             00           0482    669         .BYTE   ALL_STAT                ; default statistic
             00000484     0483    670         .BLKB   1                       ; current statistic
             00000486     04B4    671         .BLKW   1                       ; active qualifier flags
             0000         04B6    672         .WORD   0                       ; default qualifier flags
             0000048A     04B8    673         .BLKW   1                       ; current qualifier flags
             00000235     04BA    674         .LONG   CDB$M_CTPRES+CDB$M_UNIFORM+CDB$M_HOMOG+CDB$M_STD+CDB$M_DISABLE
                          04BE    675                                         ; flags
             00000D7D'    04BE    676         .LONG   JDEVICE_CHD             ; addr of change descriptors
```

```
                              0492   678 :
                              0492   679 : CDB for DLOCK class (Distributed Lock Management class)
                              0492   680 :
                              0492   681 :
00000000 00000000  0492   682        .LONG   0,0                          ; FAO control string descr (addr MBZ)
00000000 00000000  049A   683        .LONG   0,0                          ; m.f. summ buff str descr (addr MBZ)
         00000B2F' 04A2   684        .LONG   DLOCKTITLE                   ; title string
         000004B2  04A6   685        .BLKL   3                            ; no. items, display elts, item str addr
         000004B4  04B2   686        .BLKW   1                            ; block length (calc at run time)
         00000000' 04B4   687        .LONG   DLOCK_PRE                    ; pre-collection routine
         00000000  04B8   688        .LONG   0                            ; post-collection routine
         000004C4  04BC   689        .BLKL   2                            ; collection buffer block string descriptor
         00000000  04C4   690        .LONG   0                            ; address of CDX (0 if heterogeneous)
         0000      04C8   691        .WORD   0                            ; display control bit string
00000014 00000000  04CA   692        .LONG   0,20                         ; expected min and max values
         000004D4  04D2   693        .BLKB   2                            ; lengths of FAO segments (for homogs)
         000004D5  04D4   694        .BLKB   1                            ; active statistic
         00        04D5   695        .BYTE   ALL_STAT                     ; default statistic
         000004D7  04D6   696        .BLKB   1                            ; current statistic
         000004D9  04D7   697        .BLKW   1                            ; active qualifier flags
         0000      04D9   698        .WORD   0                            ; default qualifier flags
         000004DD  04DB   699        .BLKW   1                            ; current qualifier flags
         00000011  04DD   700        .LONG   CDB$M_CTPRES+CDB$M_STD       ; flags
         00000D8B' 04E1   701        .LONG   DLOCK_CHD                    ; addr of change descriptors
                   04E5   702
                   04E5   703
                   04E5   704 :
                   04E5   705 : CDB for SCS class
                   04E5   706 :
                   04E5   707 :
00000000 00000000  04E5   708        .LONG   0,0                          ; FAO control string descr (addr MBZ)
00000000 00000000  04ED   709        .LONG   0,0                          ; m.f. summ buff str descr (addr MBZ)
         00000B82' 04F5   710        .LONG   SCSTITLE                     ; title string
         00000505  04F9   711        .BLKL   3                            ; no. items, display elts, item str addr
         00000507  0505   712        .BLKW   1                            ; block length (calc at run time)
         00000000' 0507   713        .LONG   SCS_PRE                      ; pre-collection routine
         00000000  050B   714        .LONG   0                            ; post-collection routine
         00000517  050F   715        .BLKL   2                            ; collection buffer block string descriptor
         00000691' 0517   716        .LONG   SCS_CDX                      ; address of CDX (0 if heterogeneous)
         0000      051B   717        .WORD   0                            ; display control bit string
00000014 00000000  051D   718        .LONG   0,20                         ; expected min and max values
         00000527  0525   719        .BLKB   2                            ; lengths of FAO segments (for homogs)
         00000528  0527   720        .BLKB   1                            ; active statistic
         00        0528   721        .BYTE   ALL_STAT                     ; default statistic
         0000052A  0529   722        .BLKB   1                            ; current statistic
         0000052C  052A   723        .BLKW   1                            ; active qualifier flags
         0000      052C   724        .WORD   0                            ; default qualifier flags
         00000530  052E   725        .BLKW   1                            ; current qualifier flags
         00000035  0530   726        .LONG   CDB$M_CTPRES+CDB$M_UNIFORM+CDB$M_HOMOG+CDB$M_STD
                   0534   727                                             ; flags
         00000DB3' 0534   728        .LONG   SCS_CHD                      ; addr of change descriptors
```

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MONDAT   - Data Structures For MONITOR utility   16-SEP-1984 02:01:59   VAX/VMS Macro V04-00   Page 17
V04-000   DECLARATIONS   5-SEP-1984 02:01:06   [MONTOR.SRC]MONDAT.MAR;1   (13)

```
                     0538    730  ;
                     0538    731  ; CDB for VMS1 class (Internal-use-only class for VMS dev. purposes)
                     0538    732  ;
                     0538    733  ;
00000000 00000000    0538    734          .LONG   0,0                    ; FAO control string descr (addr MBZ)
00000000 00000000    0540    735          .LONG   0,0                    ; m.f. summ buff str descr (addr MBZ)
         00000B9D'   0548    736          .LONG   VMS1TITLE              ; title string
         00000558    054C    737          .BLKL   3                      ; no. items, display elts, item str addr
         0000055A    0558    738          .BLKW   1                      ; block length (calc at run time)
         00000000'   055A    739          .LONG   FCP_PRE                ; pre-collection routine
         00000000    055E    740          .LONG   0                      ; post-collection routine
         0000056A    0562    741          .BLKL   2                      ; collection buffer block string descriptor
         00000000    056A    742          .LONG   0                      ; address of CDX (0 if heterogeneous)
         0000        056E    743          .WORD   0                      ; display control bit string
00000014 00000000    0570    744          .LONG   0,20                   ; expected min and max values
         0000057A    0578    745          .BLKB   2                      ; lengths of FAO segments (for homogs)
         0000057B    057A    746          .BLKB   1                      ; active statistic
         00          057B    747          .BYTE   ALL_STAT               ; default statistic
         0000057D    057C    748          .BLKB   1                      ; current statistic
         0000057F    057D    749          .BLKW   1                      ; active qualifier flags
         0000        057F    750          .WORD   0                      ; default qualifier flags
         00000583    0581    751          .BLKW   1                      ; current qualifier flags
         00000211    0583    752          .LONG   CDBSM_CTPRES+CDBSM_STD+CDBSM_DISABLE    ; flags
         00000DC1'   0587    753          .LONG   VMS1_CHD               ; addr of change descriptors
                     058B    754
                     058B    755  ;
                     058B    756  ; CDB for SYSTEM class
                     058B    757  ;
                     058B    758  ;
00000000 00000000    058B    759          .LONG   0,0                    ; FAO control string descr (addr MBZ)
00000000 00000000    0593    760          .LONG   0,0                    ; m.f. summ buff str descr (addr MBZ)
         00000BB6'   059B    761          .LONG   SYSTEMTITLE           ; title string
         000005AB    059F    762          .BLKL   3                      ; no. items, display elts, item str addr
         000005AD    05AB    763          .BLKW   1                      ; block length (calc at run time)
         00000000    05AD    764          .LONG   0                      ; pre-collection routine
         00000000    05B1    765          .LONG   0                      ; post-collection routine
         000005BD    05B5    766          .BLKL   2                      ; collection buffer block string descriptor
         00000000    05BD    767          .LONG   0                      ; address of CDX (0 if heterogeneous)
         0000        05C1    768          .WORD   0                      ; display control bit string
00000064 00000000    05C3    769          .LONG   0,100                  ; expected min and max values
         000005CD    05CB    770          .BLKB   2                      ; lengths of FAO segments (for homogs)
         000005CE    05CD    771          .BLKB   1                      ; active statistic
         01          05CE    772          .BYTE   CUR_STAT               ; default statistic
         000005D0    05CF    773          .BLKB   1                      ; current statistic
         000005D2    05D0    774          .BLKW   1                      ; active qualifier flags
         0000        05D2    775          .WORD   0                      ; default qualifier flags
         000005D6    05D4    776          .BLKW   1                      ; current qualifier flags
         00000111    05D6    777          .LONG   CDBSM_CTPRES+CDBSM_STD+CDBSM_SYSCLS ; flags
         00000DCF'   05DA    778          .LONG   SYSTEM_CHD            ; addr of change descriptors
```

```
                      05DE   780 ;
                      05DE   781 ; Insert new CDBs here
                      05DE   782 ; The ALL class pseudo-class CDB must always be the last CDB
                      05DE   783 ;
                      05DE   784 ;
                      05DE   785 ;
                      05DE   786 ; CDB for ALL pseudo-class.
                      05DE   787 ; (This CDB is needed for the purposes of the GET_CLASS_QUALS
                      05DE   788 ; routine in MONMAIN)
                      05DE   789 ;
                      05DE   790
00000000 00000000     05DE   791         .LONG   0,0                        ; FAO control string descr (addr MBZ)
         000005EE     05E6   792         .BLKL   2                          ; multi-file summary buffer string descr
         00000000     05EE   793         .LONG   0                          ; title string (none)
         000005FE     05F2   794         .BLKL   3                          ; no. items, display elts, item str addr
         00000600     05FE   795         .BLKW   1                          ; block length (calc at run time)
         00000000     0600   796         .LONG   0                          ; pre-collection routine
         00000000     0604   797         .LONG   0                          ; post-collection routine
         00000610     0608   798         .BLKL   2                          ; collection buffer block string descriptor
         00000000     0610   799         .LONG   0                          ; address of CDX (0 if heterogeneous)
             0000     0614   800         .WORD   0                          ; display control bit string
00000000 00000000     0616   801         .LONG   0,0                        ; expected min and max values
         00000620     061E   802         .BLKB   2                          ; lengths of FAO segments (for homogs)
         00000621     0620   803         .BLKB   1                          ; active statistic
               00     0621   804         .BYTE   ALL_STAT                   ; default statistic
         00000623     0622   805         .BLKB   1                          ; current statistic
         00000625     0623   806         .BLKW   1                          ; active qualifier flags
             0000     0625   807         .WORD   0                          ; default qualifier flags
         00000629     0627   808         .BLKW   1                          ; current qualifier flags
         00000011     0629   809         .LONG   CDB$M_CTPRES+CDB$M_STD     ; flags
         00000000     062D   810         .LONG   0                          ; addr of change descriptors
                      0631   811
                      0631   812 ;
                      0631   813 ; End of CDB Table
                      0631   814 ;
```

```
                        0631      816  ; CDX's (CDB Extension Blocks) for homogeneous classes
                        0631      817  ;
                        0631      818  ;
                        0631      819  ;
                        0631      820  ; CDX for DISK homogeneous class
                        0631      821  ;
                        0631      822  ;
                        0631      823  ;
                        0631      824  DISK_CDX:
                        0631      825
          00000633      0631      826          .BLKW    1                      ; Active item bits
              0001      0633      827          .WORD    ^X0001                 ; Default item bits
          00000637      0635      828          .BLKW    1                      ; Current item bits
          00000638      0637      829          .BLKB    1                      ; Count of items to display
          0000063A      0638      830          .BLKB    2                      ; Consec no. & index of curr disp item
          0000063B      063A      831          .BLKB    1                      ; Element ID length
          0000063D      063B      832          .BLKW    1                      ; Cumulative element count
          00000645      063D      833          .BLKL    2                      ; Element ID Table and SCB Table addrs
00000000  00000000      0645      834          .LONG    0,0                    ; Super Elm'nt ID Table descr (addr MBZ)
          00000655      064D      835          .BLKL    2                      ; Cnt of elts to display (curr & prev)
          000006C5'     0655      836          .LONG    DISK_LTAB              ; Address of item key lookup table
          00000000'     0659      837          .LONG    DISK_DISPNAM           ; Address of device name display rtn
          00000000      065D      838          .LONG    0                      ; Address of device name FAO ctrl string
                        0661      839                                          ; (Loaded at run time)
                        0661      840
                        0661      841  ;
                        0661      842  ; CDX for JDEVICE homogeneous class
                        0661      843  ;
                        0661      844
                        0661      845  JDEVICE_CDX:
                        0661      846
          00000663      0661      847          .BLKW    1                      ; Active item bits
              0001      0663      848          .WORD    ^X0001                 ; Default item bits
          00000667      0665      849          .BLKW    1                      ; Current item bits
          00000668      0667      850          .BLKB    1                      ; Count of items to display
          0000066A      0668      851          .BLKB    2                      ; Consec no. & index of curr disp item
          0000066B      066A      852          .BLKB    1                      ; Element ID length
          0000066D      066B      853          .BLKW    1                      ; Cumulative element count
          00000675      066D      854          .BLKL    2                      ; Element ID Table and SCB Table addrs
00000000  00000000      0675      855          .LONG    0,0                    ; Super Elm'nt ID Table descr (addr MBZ)
          00000685      067D      856          .BLKL    2                      ; Cnt of elts to display (curr & prev)
          00000715'     0685      857          .LONG    JDEVICE_LTAB           ; Address of item key lookup table
          00000000'     0689      858          .LONG    DISK_DISPNAM           ; Address of device name display rtn
          00000000      068D      859          .LONG    0                      ; Address of device name FAO ctrl string
                        0691      860                                          ; (Loaded at run time)
                        0691      861
                        0691      862  ;
                        0691      863  ;
                        0691      864  ; CDX for SCS homogeneous class
                        0691      865  ;
                        0691      866
                        0691      867  SCS_CDX:
                        0691      868
          00000693      0691      869          .BLKW    1                      ; Active item bits
              0200      0693      870          .WORD    ^X0200                 ; Default item bits
          00000697      0695      871          .BLKW    1                      ; Current item bits
          00000698      0697      872          .BLKB    1                      ; Count of items to display
```

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```
                    0000069A  0698  873          .BLKB   2           ; Consec no. & index of curr disp item
                    0000069B  069A  874          .BLKB   1           ; Element ID length (Revision Level 0)
                    0000069D  069B  875          .BLKW   1           ; Cumulative element count
                    000006A5  069D  876          .BLKL   2           ; Element ID Table and SCB Table addrs
          00000000  00000000  06A5  877          .LONG   0,0         ; Super Elm'nt ID Table descr (addr MBZ)
                    000006B5  06AD  878          .BLKL   2           ; Cnt of elts to display (curr & prev)
                    0000079C' 06B5  879          .LONG   SCS_LTAB    ; Address of item key lookup table
                    00000000' 06B9  880          .LONG   SCS_DISPNAM ; Address of device name display rtn
                    00000000' 06BD  881          .LONG   SCS_FAO     ; Address of device name FAO ctrl string
                              06C1  882
                              06C1  883
                              06C1  884  ; Item keyword lookup tables for homogeneous classes
                              06C1  885  ;
                              06C1  886
                              06C1  887  ALL_KEYWORD:
          4C 4C 41 00' 06C1  888          .ascic  \ALL\                ; ALL keyword -- used by all classes
                    03  06C1
                              06C5  889
                              06C5  890  ;
                              06C5  891  ; DISK Class item keyword lookup table
                              06C5  892  ;
                              06C5  893
                              06C5  894  DISK_LTAB:
                              06C5  895
                    00000008  06C5  896          .long   8
                    000006C1' 06C9  897          .long   ALL_KEYWORD
                    0000000F  06CD  898          .long   15                   ; ALL_KEYWORD must be 15
                    000006E9' 06D1  899          .long   10$
                    00000000  06D5  900          .long   0
                    000006F8' 06D9  901          .long   20$
                    00000001  06DD  902          .long   1
                    00000705' 06E1  903          .long   30$
                    00000002  06E5  904          .long   2
                              06E9  905
52 5F 4E 4F 49 54 41 52 45 50 4F 00' 06E9  906  10$:    .ascic  \OPERATION_RATE\
                    45 54 41  06F5
                          0E  06E9
54 47 4E 45 4C 5F 45 55 45 55 51 00' 06F8  907  20$:    .ascic  \QUEUE_LENGTH\
                          48  0704
                          0C  06F8
5F 50 4F 5F 4C 41 4E 52 55 4F 4A 00' 0705  908  30$:    .ascic  \JOURNAL_OP_RATE\
                    45 54 41 52  0711
                          0F  0705
                              0715  909
                              0715  910  ;
                              0715  911  ; JDEVICE Class item keyword lookup table
                              0715  912  ;
                              0715  913
                              0715  914  JDEVICE_LTAB:
                              0715  915
                    0000000E  0715  916          .long   14
                    000006C1' 0719  917          .long   ALL_KEYWORD
                    0000000F  071D  918          .long   15                   ; ALL_KEYWORD must be 15
                    00000751' 0721  919          .long   10$
                    00000000  0725  920          .long   0
                    0000075C' 0729  921          .long   20$
                    00000001  072D  922          .long   1
```

```
                              0000076C' 0731   923                      .long    30$
                              00000002  0735   924                      .long    2
                              00000779' 0739   925                      .long    40$
                              00000003  075D   926                      .long    3
                              00000784' 0741   927                      .long    50$
                              00000004  0745   928                      .long    4
                              00000790' 0749   929                      .long    60$
                              00000005  074D   930                      .long    5
                                        0751   931
      45 54 41 52 5F 45 54 49 52 57 00' 0751   932 10$:      .ascic   \WRITE_RATE\
                                     0A 0751
   5F 45 54 49 52 57 5F 46 46 55 42 00' 075C   933 20$:      .ascic   \BUFF_WRITE_RATE\
                              45 54 41 52 0768
                                     0F 075C
   55 45 55 51 5F 4C 41 4D 52 4F 4E 00' 076C   934 30$:      .ascic   \NORMAL_QUEUE\
                                 45 0778
                                     0C 076C
      45 55 45 55 51 5F 54 49 41 57 00' 0779   935 40$:      .ascic   \WAIT_QUEUE\
                                     0A 0779
   45 55 45 55 51 5F 45 43 52 4F 46 00' 0784   936 50$:      .ascic   \FORCE_QUEUE\
                                     0B 0784
   45 54 41 52 5F 44 4E 45 54 58 45 00' 0790   937 60$:      .ascic   \EXTEND_RATE\
                                     0B 0790
                                        079C   938
                                        079C   939
                                        079C   940
                                        079C   941 ; SCS Class item keyword lookup table
                                        079C   942 ;
                                        079C   943
                                        079C   944 SCS_LTAB:
                                        079C   945
                              0000001A  079C   946                      .long    26
                              000006C1' 07A0   947                      .long    ALL_KEYWORD                  ; ALL_KEYWORD must be 15
                              0000000F  07A4   948                      .long    15
                              00000808' 07A8   949                      .long    10$
                              00000000  07AC   950                      .long    0
                              0000080F' 07B0   951                      .long    20$
                              00000001  07B4   952                      .long    1
                              00000819' 07B8   953                      .long    30$
                              00000002  07BC   954                      .long    2
                              00000823' 07C0   955                      .long    40$
                              00000003  07C4   956                      .long    3
                              0000082A' 07C8   957                      .long    50$
                              00000004  07CC   958                      .long    4
                              00000834' 07D0   959                      .long    60$
                              00000005  07D4   960                      .long    5
                              0000083E' 07D8   961                      .long    70$
                              00000006  07DC   962                      .long    6
                              00000846' 07E0   963                      .long    80$
                              00000007  07E4   964                      .long    7
                              00000853' 07E8   965                      .long    90$
                              00000008  07EC   966                      .long    8
                              0000085E' 07F0   967                      .long    100$
                              00000009  07F4   968                      .long    9
                              00000865' 07F8   969                      .long    110$
                              0000000A  07FC   970                      .long    10
                              00000871' 0800   971                      .long    120$
```

```
                        0000000B  0804   972            .long   11
                                  0808   973
           44 4E 45 53 5F 44 00'  0808   974 10$:       .ascic  \D_SEND\
                                06 0808
     45 56 49 45 43 45 52 5F 44 00' 080F 975 20$:       .ascic  \D_RECEIVE\
                                09 080F
     44 52 41 43 53 49 44 5F 44 00' 0819 976 30$:       .ascic  \D_DISCARD\
                                09 0819
           44 4E 45 53 5F 4D 00'  0823   977 40$:       .ascic  \M_SEND\
                                06 0823
     45 56 49 45 43 45 52 5F 4D 00' 082A 978 50$:       .ascic  \M_RECEIVE\
                                09 082A
     41 54 41 44 5F 44 4E 45 53 00' 0834 979 60$:       .ascic  \SEND_DATA\
                                09 0834
           44 4E 45 53 5F 42 4B 00' 083E 980 70$:       .ascic  \KB_SEND\
                                07 083E
54 41 44 5F 54 53 45 55 51 45 52 00' 0846 981 80$:      .ascic  \REQUEST_DATA\
                                41 0852
                                0C 0846
     54 53 45 55 51 45 52 5F 42 4B 00' 0853 982 90$:    .ascic  \KB_REQUEST\
                                0A 0853
           50 41 4D 5F 42 4B 00' 085E 983 100$:         .ascic  \KB_MAP\
                                06 085E
54 49 44 45 52 43 5F 44 4E 45 53 00' 0865 984 110$:     .ascic  \SEND_CREDIT\
                                08 0865
43 53 45 44 5F 52 45 46 46 55 42 00' 0871 985 120$:     .ascic  \BUFFER_DESCRIPTOR\
                        52 4F 54 50 49 52 087D
                                11 0871
                                   0883   986
                                   0883   987
```

```
                0883   989  ;
                0883   990  ; Title strings and item identifier strings
                0883   991  ;
                0883   992
                0883   993  MODETITLE::
                0883   994          CSTRING <TIME IN PROCESSOR MODES>
                089B   995  MODESTR::
          00    089B   996          .BYTE   PMS$C_PINTERRUPT
          01    089C   997          .BYTE   PMS$C_PKERNEL
          02    089D   998          .BYTE   PMS$C_PEXEC
          03    089E   999          .BYTE   PMS$C_PSUPER
          04    089F  1000          .BYTE   PMS$C_PUSER
          05    08A0  1001          .BYTE   PMS$C_PCOMPAT
          06    08A1  1002          .BYTE   PMS$C_PIDLE
          07    08A2  1003          .BYTE   PMS$C_SINTERRUPT
          08    08A3  1004          .BYTE   PMS$C_SKERNEL
          09    08A4  1005          .BYTE   PMS$C_SEXEC
          0A    08A5  1006          .BYTE   PMS$C_SSUPER
          0B    08A6  1007          .BYTE   PMS$C_SUSER
          0C    08A7  1008          .BYTE   PMS$C_SCOMPAT
          0D    08A8  1009          .BYTE   PMS$C_SIDLE
                08A9  1010
                08A9  1011  PROCTITLE::
  000008BD'     08A9  1012          .LONG   REGTITLE
  000008C7'     08AD  1013          .LONG   TOPCTITLE
  000008DE'     08B1  1014          .LONG   TOPDTITLE
  000008FC'     08B5  1015          .LONG   TOPBTITLE
  0000091C'     08B9  1016          .LONG   TOPFTITLE
                08BD  1017
                08BD  1018  REGTITLE:     CSTRING <PROCESSES>
                08C7  1019  TOPCTITLE:    CSTRING <TOP CPU TIME PROCESSES>
                08DE  1020  TOPDTITLE:    CSTRING <TOP DIRECT I/O RATE PROCESSES>
                08FC  1021  TOPBTITLE:    CSTRING <TOP BUFFERED I/O RATE PROCESSES>
                091C  1022  TOPFTITLE:    CSTRING <TOP PAGE FAULT RATE PROCESSES>
                093A  1023
                093A  1024  FCPTITLE:
                093A  1025          CSTRING <FILE PRIMITIVE STATISTICS>
                0954  1026  FCPSTR:
          40    0954  1027          .BYTE   PMS$C_FCPCALLS
          3F    0955  1028          .BYTE   PMS$C_ALLOC
          41    0956  1029          .BYTE   PMS$C_FCPCREATE
          42    0957  1030          .BYTE   PMS$C_FCPREAD
          43    0958  1031          .BYTE   PMS$C_FCPWRITE
          44    0959  1032          .BYTE   PMS$C_FCPCACHE
          46    095A  1033          .BYTE   PMS$C_FCPCPU
          47    095B  1034          .BYTE   PMS$C_FCPTURN
          3E    095C  1035          .BYTE   PMS$C_ACCESS
          4C    095D  1036          .BYTE   PMS$C_OPENS
          4A    095E  1037          .BYTE   PMS$C_FCPFAULT
          4B    095F  1038          .BYTE   PMS$C_FCPERASE
                0960  1039
                0960  1040  FCPSTR1:
          40    0960  1041          .BYTE   PMS$C_FCPCALLS
          3F    0961  1042          .BYTE   PMS$C_ALLOC
          41    0962  1043          .BYTE   PMS$C_FCPCREATE
          42    0963  1044          .BYTE   PMS$C_FCPREAD
          43    0964  1045          .BYTE   PMS$C_FCPWRITE
```

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```
45  0965  1046              .BYTE   PMS$C_VOLWAIT
46  0966  1047              .BYTE   PMS$C_FCPCPU
47  0967  1048              .BYTE   PMS$C_FCPTURN
3E  0968  1049              .BYTE   PMS$C_ACCESS
4C  0969  1050              .BYTE   PMS$C_OPENS
4A  096A  1051              .BYTE   PMS$C_FCPFAULT
4B  096B  1052              .BYTE   PMS$C_FCPERASE
    096C  1053      FCPSTR2:
40  096C  1054              .BYTE   PMS$C_FCPCALLS
3F  096D  1055              .BYTE   PMS$C_ALLOC
41  096E  1056              .BYTE   PMS$C_FCPCREATE
42  096F  1057              .BYTE   PMS$C_FCPREAD
43  0970  1058              .BYTE   PMS$C_FCPWRITE
45  0971  1059              .BYTE   PMS$C_VOLWAIT
46  0972  1060              .BYTE   PMS$C_FCPCPU
4A  0973  1061              .BYTE   PMS$C_FCPFAULT
47  0974  1062              .BYTE   PMS$C_FCPTURN
3E  0975  1063              .BYTE   PMS$C_ACCESS
4C  0976  1064              .BYTE   PMS$C_OPENS
4B  0977  1065              .BYTE   PMS$C_FCPERASE
```

```
                0978   1067  PAGESTR:
        21      0978   1068          .BYTE    PMS$C_FAULTS
        22      0979   1069          .BYTE    PMS$C_PREADS
        55      097A   1070          .BYTE    PMS$C_PREADIO
        23      097B   1071          .BYTE    PMS$C_PWRITES
        24      097C   1072          .BYTE    PMS$C_PWRITIO
        28      097D   1073          .BYTE    PMS$C_FREFLTS
        29      097E   1074          .BYTE    PMS$C_MFYFLTS
        2A      097F   1075          .BYTE    PMS$C_DZROFLTS
        26      0980   1076          .BYTE    PMS$C_GVALFLTS
        27      0981   1077          .BYTE    PMS$C_WRTINPROG
        2B      0982   1078          .BYTE    PMS$C_SYSFAULTS
        1F      0983   1079          .BYTE    PMS$C_FRLIST
        20      0984   1080          .BYTE    PMS$C_MODLIST
                0985   1081  PAGETITLE:
                0985   1082          CSTRING  <PAGE MANAGEMENT STATISTICS>
                09A0   1083
                09A0   1084  POOLSTR:
        30      09A0   1085          .BYTE    PMS$C_SRPCNT
        2E      09A1   1086          .BYTE    PMS$C_IRPCNT
        2C      09A2   1087          .BYTE    PMS$C_LRPCNT
        35      09A3   1088          .BYTE    PMS$C_HOLESUM
        32      09A4   1089          .BYTE    PMS$C_HOLECNT
        33      09A5   1090          .BYTE    PMS$C_BIGHOLE
        34      09A6   1091          .BYTE    PMS$C_SMALLHOLE
        37      09A7   1092          .BYTE    PMS$C_SMALLCNT
                09A8   1093
                09A8   1094  POOLSTR1:
        30      09A8   1095          .BYTE    PMS$C_SRPCNT
        31      09A9   1096          .BYTE    PMS$C_SRPINUSE
        2E      09AA   1097          .BYTE    PMS$C_IRPCNT
        2F      09AB   1098          .BYTE    PMS$C_IRPINUSE
        2C      09AC   1099          .BYTE    PMS$C_LRPCNT
        2D      09AD   1100          .BYTE    PMS$C_LRPINUSE
        35      09AE   1101          .BYTE    PMS$C_HOLESUM
        36      09AF   1102          .BYTE    PMS$C_DYNINUSE
        32      09B0   1103          .BYTE    PMS$C_HOLECNT
        33      09B1   1104          .BYTE    PMS$C_BIGHOLE
        34      09B2   1105          .BYTE    PMS$C_SMALLHOLE
        37      09B3   1106          .BYTE    PMS$C_SMALLCNT
                09B4   1107
                09B4   1108  POOLTITLE:
                09B4   1109          CSTRING  <NONPAGED POOL STATISTICS>
                09CD   1110
                09CD   1111  LOCKSTR:
        4D      09CD   1112          .BYTE    PMS$C_ENQNEW
        4E      09CE   1113          .BYTE    PMS$C_ENQCVT
        4F      09CF   1114          .BYTE    PMS$C_DEQ
        51      09D0   1115          .BYTE    PMS$C_ENQWAIT
        52      09D1   1116          .BYTE    PMS$C_ENQNOTQD
        53      09D2   1117          .BYTE    PMS$C_DLCKSRCH
        54      09D3   1118          .BYTE    PMS$C_DLCKFND
        55      09D4   1119          .BYTE    PMS$C_NUMLOCKS
        56      09D5   1120          .BYTE    PMS$C_NUMRES
                09D6   1121
                09D6   1122  LOCKSTR1:
        4D      09D6   1123          .BYTE    PMS$C_ENQNEW
```

```
4E    09D7    1124                    .BYTE    PMS$C_ENQCVT
4F    09D8    1125                    .BYTE    PMS$C_DEQ
50    09D9    1126                    .BYTE    PMS$C_BLKAST
51    09DA    1127                    .BYTE    PMS$C_ENQWAIT
52    09DB    1128                    .BYTE    PMS$C_ENQNOTQD
53    09DC    1129                    .BYTE    PMS$C_DLCKSRCH
54    09DD    1130                    .BYTE    PMS$C_DLCKFND
55    09DE    1131                    .BYTE    PMS$C_NUMLOCKS
56    09DF    1132                    .BYTE    PMS$C_NUMRES
      09E0    1133
      09E0    1134    LOCKTITLE:
      09E0    1135                    CSTRING  <LOCK MANAGEMENT STATISTICS>
      09FB    1136
      09FB    1137    DECNETSTR:
57    09FB    1138                    .BYTE    PMS$C_ARRLOCPK
58    09FC    1139                    .BYTE    PMS$C_DEPLOCPK
59    09FD    1140                    .BYTE    PMS$C_ARRTRAPK
5A    09FE    1141                    .BYTE    PMS$C_TRCNGLOS
5B    09FF    1142                    .BYTE    PMS$C_RCVBUFFL
2C    0A00    1143                    .BYTE    PMS$C_LRPCNT
      0A01    1144    DECNETTITLE:
      0A01    1145                    CSTRING  <DECNET STATISTICS>
```

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```
        0A13  1147  STATETITLE:
        0A13  1148          CSTRING <PROCESS STATES>
        0A22  1149  STATESTR:
OF      0A22  1150          .BYTE   PMS$C_COLPG
10      0A23  1151          .BYTE   PMS$C_MWAIT
11      0A24  1152          .BYTE   PMS$C_CEF
12      0A25  1153          .BYTE   PMS$C_PFW
13      0A26  1154          .BYTE   PMS$C_LEF
14      0A27  1155          .BYTE   PMS$C_LEFO
15      0A28  1156          .BYTE   PMS$C_HIB
16      0A29  1157          .BYTE   PMS$C_HIBO
17      0A2A  1158          .BYTE   PMS$C_SUSP
18      0A2B  1159          .BYTE   PMS$C_SUSPO
19      0A2C  1160          .BYTE   PMS$C_FPG
1A      0A2D  1161          .BYTE   PMS$C_COM
1B      0A2E  1162          .BYTE   PMS$C_COMO
1C      0A2F  1163          .BYTE   PMS$C_CUR
        0A30  1164
        0A30  1165  IORATETITLE:
        0A30  1166          CSTRING <I/O SYSTEM STATISTICS>
        0A46  1167
        0A46  1168  IORATESTR:
39      0A46  1169          .BYTE   PMS$C_DIRIO
3A      0A47  1170          .BYTE   PMS$C_BUFIO
3C      0A48  1171          .BYTE   PMS$C_MBWRITES
47      0A49  1172          .BYTE   PMS$C_FCPTURN
3D      0A4A  1173          .BYTE   PMS$C_LOGNAM
4C      0A4B  1174          .BYTE   PMS$C_OPENS
21      0A4C  1175          .BYTE   PMS$C_FAULTS
22      0A4D  1176          .BYTE   PMS$C_PREADS
25      0A4E  1177          .BYTE   PMS$C_PREADIO
23      0A4F  1178          .BYTE   PMS$C_PWRITES
24      0A50  1179          .BYTE   PMS$C_PWRITIO
38      0A51  1180          .BYTE   PMS$C_ISWPCNT
1F      0A52  1181          .BYTE   PMS$C_FRLIST
20      0A53  1182          .BYTE   PMS$C_MODLIST
```

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```
              0A54  1184  JOURNALTITLE:
              0A54  1185          CSTRING <JOURNALING FACILITY STATISTICS>
              0A73  1186
              0A73  1187  JOURNALSTR:
         5C   0A73  1188          .BYTE    PM$SC_JNLJRNLS
         5D   0A74  1189          .BYTE    PM$SC_JNLCHNLS
         5E   0A75  1190          .BYTE    PM$SC_JNLWRTAI
         5F   0A76  1191          .BYTE    PM$SC_JNLWRTBI
         60   0A77  1192          .BYTE    PM$SC_JNLWRTAT
         61   0A78  1193          .BYTE    PM$SC_JNLWRTRU
         62   0A79  1194          .BYTE    PM$SC_JNLDIRIO
         63   0A7A  1195          .BYTE    PM$SC_JNLBUFIO
         64   0A7B  1196          .BYTE    PM$SC_JNLWRTSS
         65   0A7C  1197          .BYTE    PM$SC_JNLFORNL
         66   0A7D  1198          .BYTE    PM$SC_JNLFORFL
         67   0A7E  1199          .BYTE    PM$SC_JNLBUFWR
         68   0A7F  1200          .BYTE    PM$SC_JNLWRTFM
              0A80  1201
              0A80  1202  JOURNALSTR1:
         5C   0A80  1203          .BYTE    PM$SC_JNLJRNLS
         5D   0A81  1204          .BYTE    PM$SC_JNLCHNLS
         64   0A82  1205          .BYTE    PM$SC_JNLWRTSS
         67   0A83  1206          .BYTE    PM$SC_JNLBUFWR
         5E   0A84  1207          .BYTE    PM$SC_JNLWRTAI
         5F   0A85  1208          .BYTE    PM$SC_JNLWRTBI
         60   0A86  1209          .BYTE    PM$SC_JNLWRTAT
         61   0A87  1210          .BYTE    PM$SC_JNLWRTRU
         62   0A88  1211          .BYTE    PM$SC_JNLDIRIO
         63   0A89  1212          .BYTE    PM$SC_JNLBUFIO
         66   0A8A  1213          .BYTE    PM$SC_JNLFORFL
         65   0A8B  1214          .BYTE    PM$SC_JNLFORNL
         68   0A8C  1215          .BYTE    PM$SC_JNLWRTFM
              0A8D  1216
              0A8D  1217  RECOVERYTITLE:
              0A8D  1218          CSTRING <RECOVERY UNIT FACILITY STATISTICS>
              0AAF  1219
              0AAF  1220  RECOVERYSTR:
         69   0AAF  1221          .BYTE    PM$SC_RUFACTIV
         6A   0AB0  1222          .BYTE    PM$SC_RUFJNLS
         6B   0AB1  1223          .BYTE    PM$SC_RUFCHNLS
         6C   0AB2  1224          .BYTE    PM$SC_RUFWRTS
         6D   0AB3  1225          .BYTE    PM$SC_RUFREADS
         6E   0AB4  1226          .BYTE    PM$SC_RUFXTNDS
         6F   0AB5  1227          .BYTE    PM$SC_RUFMARK
         70   0AB6  1228          .BYTE    PM$SC_RUFMRKRB
         71   0AB7  1229          .BYTE    PM$SC_RUFABORT
              0AB8  1230
              0AB8  1231  FSCACHETITLE:
              0AB8  1232          CSTRING <FILE SYSTEM CACHING STATISTICS>
              0AD7  1233
              0AD7  1234  FSCACHESTR:
         73   0AD7  1235          .BYTE    PM$SC_FIDHIT
         75   0AD8  1236          .BYTE    PM$SC_FIDMISS
         7A   0AD9  1237          .BYTE    PM$SC_DIRFCB_HIT
         7C   0ADA  1238          .BYTE    PM$SC_DIRFCB_MISS
         81   0ADB  1239          .BYTE    PM$SC_EXTHIT
         83   0ADC  1240          .BYTE    PM$SC_EXTMISS
```

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```
85  0ADD  1241              .BYTE   PMS$C_QUOHIT
87  0ADE  1242              .BYTE   PMS$C_QUOMISS
    0ADF  1243
    0ADF  1244    FSCACHESTR1:
79  0ADF  1245              .BYTE   PMS$C_DIRFCB_HITPCNT
7A  0AE0  1246              .BYTE   PMS$C_DIRFCB_HIT
7B  0AE1  1247              .BYTE   PMS$C_DIRFCB_TRIES
7D  0AE2  1248              .BYTE   PMS$C_DIRDATA_HITPCNT
7E  0AE3  1249              .BYTE   PMS$C_DIRDATA_HIT
7F  0AE4  1250              .BYTE   PMS$C_DIRDATA_TRIES
76  0AE5  1251              .BYTE   PMS$C_FILHDR_HITPCNT
77  0AE6  1252              .BYTE   PMS$C_FILHDR_HIT
78  0AE7  1253              .BYTE   PMS$C_FILHDR_TRIES
72  0AE8  1254              .BYTE   PMS$C_FIDHITPCNT
73  0AE9  1255              .BYTE   PMS$C_FIDHIT
74  0AEA  1256              .BYTE   PMS$C_FID_TRIES
80  0AEB  1257              .BYTE   PMS$C_EXTHITPCNT
81  0AEC  1258              .BYTE   PMS$C_EXTHIT
82  0AED  1259              .BYTE   PMS$C_EXT_TRIES
84  0AEE  1260              .BYTE   PMS$C_QUOHITPCNT
85  0AEF  1261              .BYTE   PMS$C_QUOHIT
86  0AF0  1262              .BYTE   PMS$C_QUO_TRIES
88  0AF1  1263              .BYTE   PMS$C_STORAGMAP_HITPCNT
89  0AF2  1264              .BYTE   PMS$C_STORAGMAP_HIT
8A  0AF3  1265              .BYTE   PMS$C_STORAGMAP_TRIES
    0AF4  1266
    0AF4  1267    DISKTITLE:
    0AF4  1268              CSTRING <DISK I/O STATISTICS>
    0B08  1269
    0B08  1270    DISKSTR:
8B  0B08  1271              .BYTE   PMS$C_OPCNT
8C  0B09  1272              .BYTE   PMS$C_IOQUELEN
8D  0B0A  1273              .BYTE   PMS$C_JNLIOCNT
    0B0B  1274
    0B0B  1275    JDEVICETITLE:
    0B0B  1276              CSTRING <JOURNAL DEVICE I/O STATISTICS>
    0B29  1277
    0B29  1278    JDEVICESTR:
64  0B29  1279              .BYTE   PMS$C_JNLWRTSS
67  0B2A  1280              .BYTE   PMS$C_JNLBUFWR
8E  0B2B  1281              .BYTE   PMS$C_JDNQLEN
8F  0B2C  1282              .BYTE   PMS$C_JDWQLEN
90  0B2D  1283              .BYTE   PMS$C_JDFQLEN
91  0B2E  1284              .BYTE   PMS$C_JDEXCNT
    0B2F  1285
    0B2F  1286    DLOCKTITLE:
    0B2F  1287              CSTRING <DISTRIBUTED LOCK MANAGEMENT STATISTICS>
    0B56  1288
    0B56  1289    DLOCKSTR:
92  0B56  1290              .BYTE   PMS$C_ENQNEWLOC
93  0B57  1291              .BYTE   PMS$C_ENQNEWIN
94  0B58  1292              .BYTE   PMS$C_ENQNEWOUT
95  0B59  1293              .BYTE   PMS$C_ENQCVTLOC
96  0B5A  1294              .BYTE   PMS$C_ENQCVTIN
97  0B5B  1295              .BYTE   PMS$C_ENQCVTOUT
98  0B5C  1296              .BYTE   PMS$C_DEQLOC
99  0B5D  1297              .BYTE   PMS$C_DEQIN
```

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```
9A   0B5E   1298              .BYTE   PMS$C_DEQOUT
9B   0B5F   1299              .BYTE   PMS$C_BLKLOC
9C   0B60   1300              .BYTE   PMS$C_BLKIN
9D   0B61   1301              .BYTE   PMS$C_BLKOUT
9E   0B62   1302              .BYTE   PMS$C_DIRLOOK
9F   0B63   1303              .BYTE   PMS$C_DIRINS
A0   0B64   1304              .BYTE   PMS$C_DIRDEL
     0B65   1305
     0B65   1306   DLOCKSTR1:
92   0B65   1307              .BYTE   PMS$C_ENQNEWLOC
93   0B66   1308              .BYTE   PMS$C_ENQNEWIN
94   0B67   1309              .BYTE   PMS$C_ENQNEWOUT
95   0B68   1310              .BYTE   PMS$C_ENQCVTLOC
96   0B69   1311              .BYTE   PMS$C_ENQCVTIN
97   0B6A   1312              .BYTE   PMS$C_ENQCVTOUT
98   0B6B   1313              .BYTE   PMS$C_DEQLOC
99   0B6C   1314              .BYTE   PMS$C_DEQIN
9A   0B6D   1315              .BYTE   PMS$C_DEQOUT
9B   0B6E   1316              .BYTE   PMS$C_BLKLOC
9C   0B6F   1317              .BYTE   PMS$C_BLKIN
9D   0B70   1318              .BYTE   PMS$C_BLKOUT
A1   0B71   1319              .BYTE   PMS$C_DIRIN
A2   0B72   1320              .BYTE   PMS$C_DIROUT
     0B73   1321
     0B73   1322   DLOCKSTR2:
92   0B73   1323              .BYTE   PMS$C_ENQNEWLOC
93   0B74   1324              .BYTE   PMS$C_ENQNEWIN
94   0B75   1325              .BYTE   PMS$C_ENQNEWOUT
95   0B76   1326              .BYTE   PMS$C_ENQCVTLOC
96   0B77   1327              .BYTE   PMS$C_ENQCVTIN
97   0B78   1328              .BYTE   PMS$C_ENQCVTOUT
98   0B79   1329              .BYTE   PMS$C_DEQLOC
99   0B7A   1330              .BYTE   PMS$C_DEQIN
9A   0B7B   1331              .BYTE   PMS$C_DEQOUT
9B   0B7C   1332              .BYTE   PMS$C_BLKLOC
9C   0B7D   1333              .BYTE   PMS$C_BLKIN
9D   0B7E   1334              .BYTE   PMS$C_BLKOUT
A1   0B7F   1335              .BYTE   PMS$C_DIRIN
A2   0B80   1336              .BYTE   PMS$C_DIROUT
A3   0B81   1337              .BYTE   PMS$C_DLCKMSGS
     0B82   1338
     0B82   1339   SCSTITLE:
     0B82   1340              CSTRING <SCS STATISTICS>
     0B91   1341
     0B91   1342   SCSSTR:
A4   0B91   1343              .BYTE   PMS$C_DGSENT
A5   0B92   1344              .BYTE   PMS$C_DGRCVD
A6   0B93   1345              .BYTE   PMS$C_DGDISCARD
A7   0B94   1346              .BYTE   PMS$C_MSGSENT
A8   0B95   1347              .BYTE   PMS$C_MSGRCVD
A9   0B96   1348              .BYTE   PMS$C_SNDATS
AA   0B97   1349              .BYTE   PMS$C_KBYTSENT
AB   0B98   1350              .BYTE   PMS$C_REQDATS
AC   0B99   1351              .BYTE   PMS$C_KBYTREQD
AD   0B9A   1352              .BYTE   PMS$C_KBYTMAPD
AE   0B9B   1353              .BYTE   PMS$C_QCR_CNT
AF   0B9C   1354              .BYTE   PMS$C_QBDT_CNT
```

```
         0B9D   1355
         0B9D   1356   VMS1TITLE:
         0B9D   1357           CSTRING <VMS DEVELOPMENT 1>
         0BAF   1358
         0BAF   1359   VMS1STR:
    40   0BAF   1360           .BYTE    PMS$C_FCPCALLS
    B0   0BB0   1361           .BYTE    PMS$C_VOLLCK
    45   0BB1   1362           .BYTE    PMS$C_VOLWAIT
    B1   0BB2   1363           .BYTE    PMS$C_SYNCHLCK
    B2   0BB3   1364           .BYTE    PMS$C_SYNCHWAIT
    B3   0BB4   1365           .BYTE    PMS$C_ACCLCK
    B4   0BB5   1366           .BYTE    PMS$C_XQPCACHEWAIT
         0BB6   1367
         0BB6   1368   SYSTEMTITLE:
         0BB6   1369           CSTRING <SYSTEM STATISTICS>
         0BC8   1370
         0BC8   1371   SYSTEMSTR:                                    ; This item string for collection only
    0E   0BC8   1372           .BYTE    PMS$C_CPUBUSY
    1D   0BC9   1373           .BYTE    PMS$C_OTHSTAT
    1E   0BCA   1374           .BYTE    PMS$C_PROCS
    21   0BCB   1375           .BYTE    PMS$C_FAULTS
    25   0BCC   1376           .BYTE    PMS$C_PREADIO
    1F   0BCD   1377           .BYTE    PMS$C_FRLIST
    20   0BCE   1378           .BYTE    PMS$C_MODLIST
    39   0BCF   1379           .BYTE    PMS$C_DIRIO
    3A   0BD0   1380           .BYTE    PMS$C_BUFIO
         0BD1   1381
         0BD1   1382   ITMSTR_SYS_SINGLE::                           ; This item string for display only
    0E   0BD1   1383           .BYTE    PMS$C_CPUBUSY
    13   0BD2   1384           .BYTE    PMS$C_LEF
    14   0BD3   1385           .BYTE    PMS$C_LEFO
    15   0BD4   1386           .BYTE    PMS$C_HIB
    16   0BD5   1387           .BYTE    PMS$C_HIBO
    1A   0BD6   1388           .BYTE    PMS$C_COM
    1B   0BD7   1389           .BYTE    PMS$C_COMO
    12   0BD8   1390           .BYTE    PMS$C_PFW
    10   0BD9   1391           .BYTE    PMS$C_MWAIT
    1D   0BDA   1392           .BYTE    PMS$C_OTHSTAT
    1E   0BDB   1393           .BYTE    PMS$C_PROCS
    21   0BDC   1394           .BYTE    PMS$C_FAULTS
    25   0BDD   1395           .BYTE    PMS$C_PREADIO
    1F   0BDE   1396           .BYTE    PMS$C_FRLIST    ; NOTE -- FRLIST and MODLIST are referenced
    20   0BDF   1397           .BYTE    PMS$C_MODLIST   ; as the 14th and 15th items explicitly in
         0BE0   1398                                    ; COLLEVT.PLI and REQUEST.PLI.
    39   0BE0   1399           .BYTE    PMS$C_DIRIO
    3A   0BE1   1400           .BYTE    PMS$C_BUFIO
         0BE2   1401   ISS_END:
         0BE2   1402
00000011 0BE2   1403   ECOUNT_SYS_SINGLE == ISS_END - ITMSTR_SYS_SINGLE
         0BE2   1404                                    ; Number of elts for single statistic display
         0BE2   1405
```

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```
                                    0BE2   1407 BU_SYS_SINGLE::                              ; Vector of lwords representing highest bar graph
                                    0BE2   1408                                              ; values for each item in a single SYSTEM display
                           00000064 0BE2   1409               .LONG   100
00000000 00000000 00000000 00000000 0BE6   1410               .LONG   0,0,0,0,0,0,0,0,0,0,0 ; No bars for these
00000000 00000000 00000000 00000000 0BF6
                  00000000 00000000 0C06
                           00000064 0C0E   1411               .LONG   100
                           00000064 0C12   1412               .LONG   100
                          0000003C' 0C16   1413               .LONG   BALSETMEM_DEF
                          00000000' 0C1A   1414               .LONG   MPWHILIM_DEF
                           0000003C 0C1E   1415               .LONG   60
                           00000096 0C22   1416               .LONG   150
                                    0C26   1417
                                    0C26   1418 ;
                                    0C26   1419 ; Codes for the FMT_SYS_SINGLE array below
                                    0C26   1420 ;
                                    0C26   1421
                           00000000 0C26   1422 NUMB_BAR  == 0
                           00000001 0C26   1423 NUMB_ONLY == 1
                                    0C26   1424
                                    0C26   1425 FMT_SYS_SINGLE::                             ; Vector of bytes representing format codes for
                                    0C26   1426                                             ; each item in a single SYSTEM display.
                                 00 0C26   1427               .BYTE   NUMB_BAR
                                 01 0C27   1428               .BYTE   NUMB_ONLY
                                 01 0C28   1429               .BYTE   NUMB_ONLY
                                 01 0C29   1430               .BYTE   NUMB_ONLY
                                 01 0C2A   1431               .BYTE   NUMB_ONLY
                                 01 0C2B   1432               .BYTE   NUMB_ONLY
                                 01 0C2C   1433               .BYTE   NUMB_ONLY
                                 01 0C2D   1434               .BYTE   NUMB_ONLY
                                 01 0C2E   1435               .BYTE   NUMB_ONLY
                                 01 0C2F   1436               .BYTE   NUMB_ONLY
                                 01 0C30   1437               .BYTE   NUMB_ONLY
                                 00 0C31   1438               .BYTE   NUMB_BAR
                                 00 0C32   1439               .BYTE   NUMB_BAR
                                 00 0C33   1440               .BYTE   NUMB_BAR
                                 00 0C34   1441               .BYTE   NUMB_BAR
                                 00 0C35   1442               .BYTE   NUMB_BAR
                                 00 0C36   1443               .BYTE   NUMB_BAR
                                    0C37   1444
                                    0C37   1445 ITMSTR_SYS_ALL::                             ; This item string for display only
                                 00 0C37   1446               .BYTE   PMS$C_PINTERRUPT
                                 01 0C38   1447               .BYTE   PMS$C_PKERNEL
                                 02 0C39   1448               .BYTE   PMS$C_PEXEC
                                 03 0C3A   1449               .BYTE   PMS$C_PSUPER
                                 04 0C3B   1450               .BYTE   PMS$C_PUSER
                                 05 0C3C   1451               .BYTE   PMS$C_PCOMPAT
                                 06 0C3D   1452               .BYTE   PMS$C_PIDLE
                                 1E 0C3E   1453               .BYTE   PMS$C_PROCS
                                 21 0C3F   1454               .BYTE   PMS$C_FAULTS
                                 25 0C40   1455               .BYTE   PMS$C_PREADIO
                                 1F 0C41   1456               .BYTE   PMS$C_FRLIST
                                 20 0C42   1457               .BYTE   PMS$C_MODLIST
                                 39 0C43   1458               .BYTE   PMS$C_DIRIO
                                 3A 0C44   1459               .BYTE   PMS$C_BUFIO
                                    0C45   1460 ISA_END:
                                    0C45   1461
```

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```
0000000E  0C45  1462 ECOUNT_SYS_ALL == ISA_END - ITMSTR_SYS_ALL ; Number of elements for /ALL display
          0C45  1463
```

```
              0C45    1465 ;
              0C45    1466 ; Change Descriptors for all classes
              0C45    1467 ;
              0C45    1468
   00000000   0C45    1469 $$CHD_COUNT = 0                                       ; Initialize CHD count for first class
   00000000   0C45    1470 $$CHD_PRES  = 0                                       ; Initialize CHD's actually present
              0C45    1471
              0C45    1472 ;
              0C45    1473 ; Change Descriptors for all classes must be placed contiguously here.
              0C45    1474 ; The format is:
              0C45    1475 ;
              0C45    1476 ;                 CHDHDR (chdhdr_addr,revlevel)
              0C45    1477 ;                 CHD (itemcount,itemstring_addr,blklen,elidlen)
              0C45    1478 ;                 CHD (itemcount,itemstring_addr,blklen,elidlen)
              0C45    1479 ;                    .
              0C45    1480 ;                    .
              0C45    1481 ;                 CHDHDR (chdhdr_addr,revlevel)
              0C45    1482 ;                    .
              0C45    1483 ;                    .
              0C45    1484 ;
              0C45    1485 ; There is one CHDHDR macro per class, followed by a CHD for each change
              0C45    1486 ; to that class (including one for Rev Level 0). The number of CHD's
              0C45    1487 ; following each CHDHDR macro for each class MUST be one greater than
              0C45    1488 ; the REVLEVEL indicated in the CHDHDR macro.
              0C45    1489 ;
              0C45    1490
              0C45    1491          CHDHDR  ADDRESS=PROCESSES_CHD,-  ; PROCESSES change descriptors
              0C45    1492                  REVLEVEL=1
              0C46    1493
              0C46    1494          CHD     ITEMCOUNT=8,-            ; Rev Level 0
              0C46    1495                  ITEMSTRING=0,-
              0C46    1496                  BLOCKLEN=MNR_PRO$K_REV0DSIZE,-
              0C46    1497                  ELIDLEN=0
              0C53    1498
              0C53    1499          CHD     ITEMCOUNT=8,-            ; Rev Level 1
              0C53    1500                  ITEMSTRING=0,-
              0C53    1501                  BLOCKLEN=MNR_PRO$K_REV1DSIZE,-
              0C53    1502                  ELIDLEN=0
              0C60    1503
              0C60    1504
              0C60    1505          CHDHDR  ADDRESS=STATES_CHD,-     ; STATES change descriptors
              0C60    1506                  REVLEVEL=0
              0C61    1507
              0C61    1508          CHD     ITEMCOUNT=14,-           ; Rev Level 0
              0C61    1509                  ITEMSTRING=STATESTR,-
              0C61    1510                  BLOCKLEN=0,-
              0C61    1511                  ELIDLEN=0,-
              0C61    1512                  DISPCTL= <^B111111110111111>
              0C6E    1513
              0C6E    1514
              0C6E    1515          CHDHDR  ADDRESS=MODES_CHD,-      ; MODES change descriptors
              0C6E    1516                  REVLEVEL=0
              0C6F    1517
              0C6F    1518          CHD     ITEMCOUNT=MODES_ICOUNT,- ; Rev Level 0
              0C6F    1519                  ITEMSTRING=MODESTR,-
              0C6F    1520                  BLOCKLEN=0,-
              0C6F    1521                  ELIDLEN=0
```

```
0C7C 1522
0C7C 1523
0C7C 1524        CHDHDR   ADDRESS=PAGE_CHD,-        ; PAGE change descriptors
0C7C 1525                 REVLEVEL=0
0C7D 1526
0C7D 1527        CHD      ITEMCOUNT=13,-           ; Rev Level 0
0C7D 1528                 ITEMSTRING=PAGESTR,-
0C7D 1529                 BLOCKLEN=0,-
0C7D 1530                 ELIDLEN=0,-
0C7D 1531                 DISPCTL = <^B1101111111011111>
0C8A 1532
0C8A 1533
0C8A 1534
0C8A 1535        CHDHDR   ADDRESS=IO_CHD,-         ; IO change descriptors
0C8A 1536                 REVLEVEL=0
0C8B 1537
0C8B 1538        CHD      ITEMCOUNT=14,-           ; Rev Level 0
0C8B 1539                 ITEMSTRING=IORATESTR,-
0C8B 1540                 BLOCKLEN=0,-
0C8B 1541                 ELIDLEN=0,-
0C8B 1542                 DISPCTL = <^B1111111110111111>
0C98 1543
0C98 1544
0C98 1545        CHDHDR   ADDRESS=FCP_CHD,-        ; FCP change descriptors
0C98 1546                 REVLEVEL=3
0C99 1547
0C99 1548        CHD      ITEMCOUNT=10,-           ; Rev Level 0
0C99 1549                 ITEMSTRING=FCPSTR,-
0C99 1550                 BLOCKLEN=0,-
0C99 1551                 ELIDLEN=0
0CA6 1552
0CA6 1553        CHD      ITEMCOUNT=12,-           ; Rev Level 1
0CA6 1554                 ITEMSTRING=FCPSTR,-
0CA6 1555                 BLOCKLEN=0,-
0CA6 1556                 ELIDLEN=0
0CB3 1557
0CB3 1558        CHD      ITEMCOUNT=12,-           ; Rev Level 2
0CB3 1559                 ITEMSTRING=FCPSTR1,-
0CB3 1560                 BLOCKLEN=0,-
0CB3 1561                 ELIDLEN=0
0CC0 1562
0CC0 1563        CHD      ITEMCOUNT=12,-           ; Rev Level 3
0CC0 1564                 ITEMSTRING=FCPSTR2,-
0CC0 1565                 BLOCKLEN=0,-
0CC0 1566                 ELIDLEN=0
0CCD 1567
0CCD 1568
0CCD 1569        CHDHDR   ADDRESS=POOL_CHD,-       ; POOL change descriptors
0CCD 1570                 REVLEVEL=1
0CCE 1571
0CCE 1572        CHD      ITEMCOUNT=8,-            ; Rev Level 0
0CCE 1573                 ITEMSTRING=POOLSTR,-
0CCE 1574                 BLOCKLEN=0,-
0CCE 1575                 ELIDLEN=0
0CDB 1576
0CDB 1577        CHD      ITEMCOUNT=12,-           ; Rev Level 1
0CDB 1578                 ITEMSTRING=POOLSTR1,-
```

```
        OCDB  1579                    BLOCKLEN=0,-
        OCDB  1580                    ELIDLEN=0,-
        OCDB  1581                    DISPCTL = <^B111111011011011>
        OCE8  1582
        OCE8  1583
        OCE8  1584         CHDHDR   ADDRESS=LOCK_CHD,-      ; LOCK change descriptors
        OCE8  1585                  REVLEVEL=1
        OCE9  1586
        OCE9  1587         CHD      ITEMCOUNT=9,-           ; Rev Level 0
        OCE9  1588                  ITEMSTRING=LOCKSTR,-
        OCE9  1589                  BLOCKLEN=0,-
        OCE9  1590                  ELIDLEN=0
        OCF6  1591
        OCF6  1592         CHD      ITEMCOUNT=10,-          ; Rev Level 1
        OCF6  1593                  ITEMSTRING=LOCKSTR1,-
        OCF6  1594                  BLOCKLEN=0,-
        OCF6  1595                  ELIDLEN=0
        OD03  1596
        OD03  1597
        OD03  1598         CHDHDR   ADDRESS=DECNET_CHD,-    ; DECNET change descriptors
        OD03  1599                  REVLEVEL=0
        OD04  1600
        OD04  1601         CHD      ITEMCOUNT=6,-           ; Rev Level 0
        OD04  1602                  ITEMSTRING=DECNETSTR,-
        OD04  1603                  BLOCKLEN=0,-
        OD04  1604                  ELIDLEN=0
        OD11  1605
        OD11  1606
        OD11  1607         CHDHDR   ADDRESS=JOURNAL_CHD,-   ; JOURNALING change descriptors
        OD11  1608                  REVLEVEL=1
        OD12  1609
        OD12  1610         CHD      ITEMCOUNT=11,-          ; Rev Level 0
        OD12  1611                  ITEMSTRING=JOURNALSTR,-
        OD12  1612                  BLOCKLEN=0,-
        OD12  1613                  ELIDLEN=0
        OD1F  1614
        OD1F  1615         CHD      ITEMCOUNT=13,-          ; Rev Level 1
        OD1F  1616                  ITEMSTRING=JOURNALSTR1,-
        OD1F  1617                  BLOCKLEN=0,-
        OD1F  1618                  ELIDLEN=0
        OD2C  1619
        OD2C  1620
        OD2C  1621         CHDHDR   ADDRESS=RU_CHD,-        ; RU change descriptors
        OD2C  1622                  REVLEVEL=0
        OD2D  1623
        OD2D  1624         CHD      ITEMCOUNT=9,-           ; Rev Level 0
        OD2D  1625                  ITEMSTRING=RECOVERYSTR,-
        OD2D  1626                  BLOCKLEN=0,-
        OD2D  1627                  ELIDLEN=0
        OD3A  1628
        OD3A  1629         CHDHDR   ADDRESS=FSCACHE_CHD,-   ; FILE_SYSTEM_CACHE change descriptors
        OD3A  1630                  REVLEVEL=1
        OD3B  1631
        OD3B  1632         CHD      ITEMCOUNT=8,-           ; Rev Level 0
        OD3B  1633                  ITEMSTRING=FSCACHESTR,-
        OD3B  1634                  BLOCKLEN=0,-
        OD3B  1635                  ELIDLEN=0
```

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```
0D48   1636
0D48   1637    CHD     ITEMCOUNT=21,-          ; Rev Level 1
0D48   1638            ITEMSTRING=FSCACHESTR1,-
0D48   1639            BLOCKLEN=0,-
0D48   1640            ELIDLEN=0,-
0D48   1641            DISPCTL = <^B1111111011111111>
0D55   1642
0D55   1643    CHDHDR  ADDRESS=DISK_CHD,-      ; DISK change descriptors
0D55   1644            REVLEVEL=2
0D56   1645
0D56   1646    CHD     ITEMCOUNT=3,-           ; Rev Level 0
0D56   1647            ITEMSTRING=DISKSTR,-
0D56   1648            BLOCKLEN=0,-
0D56   1649            ELIDLEN=14
0D63   1650
0D63   1651    CHD     ITEMCOUNT=2,-           ; Rev Level 1
0D63   1652            ITEMSTRING=DISKSTR,-
0D63   1653            BLOCKLEN=0,-
0D63   1654            ELIDLEN=15
0D70   1655
0D70   1656    CHD     ITEMCOUNT=2,-           ; Rev Level 2
0D70   1657            ITEMSTRING=DISKSTR,-
0D70   1658            BLOCKLEN=0,-
0D70   1659            ELIDLEN=27
0D7D   1660
0D7D   1661
0D7D   1662    CHDHDR  ADDRESS=JDEVICE_CHD,-   ; JDEVICE change descriptors
0D7D   1663            REVLEVEL=0
0D7E   1664
0D7E   1665    CHD     ITEMCOUNT=6,-           ; Rev Level 0
0D7E   1666            ITEMSTRING=JDEVICESTR,-
0D7E   1667            BLOCKLEN=0,-
0D7E   1668            ELIDLEN=14
0D8B   1669
0D8B   1670
0D8B   1671    CHDHDR  ADDRESS=DLOCK_CHD,-     ; DLOCK change descriptors
0D8B   1672            REVLEVEL=2
0D8C   1673
0D8C   1674    CHD     ITEMCOUNT=15,-          ; Rev Level 0
0D8C   1675            ITEMSTRING=DLOCKSTR,-
0D8C   1676            BLOCKLEN=0,-
0D8C   1677            ELIDLEN=0
0D99   1678
0D99   1679    CHD     ITEMCOUNT=14,-          ; Rev Level 1
0D99   1680            ITEMSTRING=DLOCKSTR1,-
0D99   1681            BLOCKLEN=0,-
0D99   1682            ELIDLEN=0,-
0D99   1683            DISPCTL = <^B0111111111111111>
0DA6   1684
0DA6   1685    CHD     ITEMCOUNT=15,-          ; Rev Level 2
0DA6   1686            ITEMSTRING=DLOCKSTR2,-
0DA6   1687            BLOCKLEN=0,-
0DA6   1688            ELIDLEN=0, -
0DA6   1689            DISPCTL = <^B1111111111111111>
0DB3   1690
0DB3   1691
0DB3   1692    CHDHDR  ADDRESS=SCS_CHD,-       ; SCS change descriptors
```

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```
ODB3 1693                        REVLEVEL=0
ODB4 1694
ODB4 1695          CHD      ITEMCOUNT=12,-            ; Rev Level 0
ODB4 1696                   ITEMSTRING=SCSSTR,-
ODB4 1697                   BLOCKLEN=0,-
ODB4 1698                   ELIDLEN=8
ODC1 1699
ODC1 1700          CHDHDR   ADDRESS=VMS1_CHD,-        ; VMS1 change descriptors
ODC1 1701                   REVLEVEL=0
ODC2 1702
ODC2 1703          CHD      ITEMCOUNT=7,-             ; Rev Level 0
ODC2 1704                   ITEMSTRING=VMS1STR,-
ODC2 1705                   ELIDLEN=0, -
ODC2 1706                   DISPCTL = <^B001010101010101>
ODCF 1707
ODCF 1708          CHDHDR   ADDRESS=SYSTEM_CHD,-      ; SYSTEM change descriptors
ODCF 1709                   REVLEVEL=0
ODD0 1710
ODD0 1711          CHD      ITEMCOUNT=9,-             ; Rev Level 0
ODD0 1712                   ITEMSTRING=SYSTEMSTR,-
ODD0 1713                   BLOCKLEN=0,-
ODD0 1714                   ELIDLEN=0
ODDD 1715
ODDD 1716
ODDD 1717          CHDHDR   ADDRESS=LAST_CHD,-        ; This dummy CHDHDR must be last
ODDD 1718                   REVLEVEL=0
ODDE 1719
ODDE 1720
```

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```
                    0DDE   1722 ;
                    0DDE   1723 ; The following table contains one item descriptor block for
                    0DDE   1724 ; each possible piece of data.  The blocks are indexed by
                    0DDE   1725 ; data key values.
                    0DDE   1726 ;
                    0DDE   1727 ;
                    0DDE   1728 PERFTABLE::
          000019E3  0DDE   1729         .BLKB   PMS$C_TABLESIZE*IDB$K_ILENGTH   ; allocate table space
                    19E3   1730
          0000001A  19E3   1731 MAX_NAME_SIZE == 26               ; Maximum size of a name (label) string
          00000022  19E3   1732 WIDE_NAME_SIZE == 34              ; Size of a string for a wide display (DISK)
                    19E3   1733
                    19E3   1734 ;
                    19E3   1735 ; Define the entries in the table.
                    19E3   1736 ;
                    19E3   1737
                    19E3   1738 ;
                    19E3   1739 ; Entries for MODES class
                    19E3   1740 ;
                    19E3   1741
          00000019  19E3   1742 MODES_STRLEN == 25                ; Length of "Interrupt Stack" string
                    19E3   1743                                   ; NOTE -- update if string length is changed
                    19E3   1744
                    19E3   1745         BLDIDB  NAME=PINTERRUPT,-
                    19E3   1746                 SSTRING=<INTER>,-
                    19E3   1747                 LSTRING=<Interrupt Stack   PRIMARY>,-
                    19E3   1748                 SIZE=LONG,-
                    19E3   1749                 TYPE=COUNT,-
                    19E3   1750                 ADDR=0
                    19E3   1751
                    19E3   1752         BLDIDB  NAME=PKERNEL,-
                    19E3   1753                 SSTRING=<KERNEL>,-
                    19E3   1754                 LSTRING=<Kernel Mode>,-
                    19E3   1755                 SIZE=LONG,-
                    19E3   1756                 TYPE=COUNT,-
                    19E3   1757                 ADDR=0
                    19E3   1758
                    19E3   1759         BLDIDB  NAME=PEXEC,-
                    19E3   1760                 SSTRING=<EXEC>,-
                    19E3   1761                 LSTRING=<Executive Mode>,-
                    19E3   1762                 SIZE=LONG,-
                    19E3   1763                 TYPE=COUNT,-
                    19E3   1764                 ADDR=0
                    19E3   1765
                    19E3   1766         BLDIDB  NAME=PSUPER,-
                    19E3   1767                 SSTRING=<SUPER>,-
                    19E3   1768                 LSTRING=<Supervisor Mode>,-
                    19E3   1769                 SIZE=LONG,-
                    19E3   1770                 TYPE=COUNT,-
                    19E3   1771                 ADDR=0
                    19E3   1772
                    19E3   1773         BLDIDB  NAME=PUSER,-
                    19E3   1774                 SSTRING=<USER>,-
                    19E3   1775                 LSTRING=<User Mode>,-
                    19E3   1776                 SIZE=LONG,-
                    19E3   1777                 TYPE=COUNT,-
                    19E3   1778                 ADDR=0
```

```
19E3   1779
19E3   1780            BLDIDB    NAME=PCOMPAT,-
19E3   1781                      SSTRING=<COMPAT>,-
19E3   1782                      LSTRING=<Compatibility Mode>,-
19E3   1783                      SIZE=LONG,-
19E3   1784                      TYPE=COUNT,-
19E3   1785                      ADDR=0
19E3   1786
19E3   1787            BLDIDB    NAME=PIDLE,-
19E3   1788                      SSTRING=<IDLE>,-
19E3   1789                      LSTRING=<Idle Time>,-
19E3   1790                      SIZE=LONG,-
19E3   1791                      TYPE=COUNT,-
19E3   1792                      ADDR=0
19E3   1793
19E3   1794            BLDIDB    NAME=SINTERRUPT,-
19E3   1795                      SSTRING=<INTER>,-
19E3   1796                      LSTRING=<Interrupt Stack    ATTACHED>,-
19E3   1797                      SIZE=LONG,-
19E3   1798                      TYPE=COUNT,-
19E3   1799                      ADDR=0
19E3   1800
19E3   1801            BLDIDB    NAME=SKERNEL,-
19E3   1802                      SSTRING=<KERNEL>,-
19E3   1803                      LSTRING=<Kernel Mode>,-
19E3   1804                      SIZE=LONG,-
19E3   1805                      TYPE=COUNT,-
19E3   1806                      ADDR=0
19E3   1807
19E3   1808            BLDIDB    NAME=SEXEC,-
19E3   1809                      SSTRING=<EXEC>,-
19E3   1810                      LSTRING=<Executive Mode>,-
19E3   1811                      SIZE=LONG,-
19E3   1812                      TYPE=COUNT,-
19E3   1813                      ADDR=0
19E3   1814
19E3   1815            BLDIDB    NAME=SSUPER,-
19E3   1816                      SSTRING=<SUPER>,-
19E3   1817                      LSTRING=<Supervisor Mode>,-
19E3   1818                      SIZE=LONG,-
19E3   1819                      TYPE=COUNT,-
19E3   1820                      ADDR=0
19E3   1821
19E3   1822            BLDIDB    NAME=SUSER,-
19E3   1823                      SSTRING=<USER>,-
19E3   1824                      LSTRING=<User Mode>,-
19E3   1825                      SIZE=LONG,-
19E3   1826                      TYPE=COUNT,-
19E3   1827                      ADDR=0
19E3   1828
19E3   1829            BLDIDB    NAME=SCOMPAT,-
19E3   1830                      SSTRING=<COMPAT>,-
19E3   1831                      LSTRING=<Compatibility Mode>,-
19E3   1832                      SIZE=LONG,-
19E3   1833                      TYPE=COUNT,-
19E3   1834                      ADDR=0
19E3   1835
```

```
19E3  1836              BLDIDB  NAME=SIDLE,-
19E3  1837                      SSTRING=<IDLE>,-
19E3  1838                      LSTRING=<Idle time>,-
19E3  1839                      SIZE=LONG,-
19E3  1840                      TYPE=COUNT,-
19E3  1841                      ADDR=0
19E3  1842
19E3  1843              BLDIDB  NAME=CPUBUSY,-
19E3  1844                      SSTRING=<BUSY>,-
19E3  1845                      LSTRING=<CPU Busy>,-
19E3  1846                      SIZE=LONG,-
19E3  1847                      TYPE=COUNT,-
19E3  1848                      ADDR=CPU_BUSY
19E3  1849
19E3  1850
19E3  1851      ; Entries for state display
19E3  1852      ;
19E3  1853
19E3  1854              BLDIDB  NAME=COLPG,-
19E3  1855                      SSTRING=<COLPG>,-
19E3  1856                      LSTRING=<Collided Page Wait>,-
19E3  1857                      SIZE=LONG,-
19E3  1858                      TYPE=LEVEL,-
19E3  1859                      ADDR=0
19E3  1860
19E3  1861              BLDIDB  NAME=MWAIT,-
19E3  1862                      SSTRING=<MWAIT>,-
19E3  1863                      LSTRING=<Mutex & Misc Resource Wait>,-
19E3  1864                      SIZE=LONG,-
19E3  1865                      TYPE=LEVEL,-
19E3  1866                      ADDR=0
19E3  1867
19E3  1868              BLDIDB  NAME=CEF,-
19E3  1869                      SSTRING=<CEF>,-
19E3  1870                      LSTRING=<Common Event Flag Wait>,-
19E3  1871                      SIZE=LONG,-
19E3  1872                      TYPE=LEVEL,-
19E3  1873                      ADDR=0
19E3  1874
19E3  1875              BLDIDB  NAME=PFW,-
19E3  1876                      SSTRING=<PFW>,-
19E3  1877                      LSTRING=<Page Fault Wait>,-
19E3  1878                      SIZE=LONG,-
19E3  1879                      TYPE=LEVEL,-
19E3  1880                      ADDR=0
19E3  1881
19E3  1882              BLDIDB  NAME=LEF,-
19E3  1883                      SSTRING=<LEF>,-
19E3  1884                      LSTRING=<Local Event Flag Wait>,-
19E3  1885                      SIZE=LONG,-
19E3  1886                      TYPE=LEVEL,-
19E3  1887                      ADDR=0
19E3  1888
19E3  1889              BLDIDB  NAME=LEFO,-
19E3  1890                      SSTRING=<LEFO>,-
19E3  1891                      LSTRING=<Local Evt Flg (Outswapped)>,-
19E3  1892                      SIZE=LONG,-
```

```
19E3  1893                          TYPE=LEVEL,-
19E3  1894                          ADDR=0
19E3  1895
19E3  1896              BLDIDB  NAME=HIB,-
19E3  1897                      SSTRING=<HIB>,-
19E3  1898                      LSTRING=<Hibernate>,-
19E3  1899                      SIZE=LONG,-
19E3  1900                      TYPE=LEVEL,-
19E3  1901                      ADDR=0
19E3  1902
19E3  1903              BLDIDB  NAME=HIBO,-
19E3  1904                      SSTRING=<HIBO>,-
19E3  1905                      LSTRING=<Hibernate (Outswapped)>,-
19E3  1906                      SIZE=LONG,-
19E3  1907                      TYPE=LEVEL,-
19E3  1908                      ADDR=0
19E3  1909
19E3  1910              BLDIDB  NAME=SUSP,-
19E3  1911                      SSTRING=<SUSP>,-
19E3  1912                      LSTRING=<Suspended>,-
19E3  1913                      SIZE=LONG,-
19E3  1914                      TYPE=LEVEL,-
19E3  1915                      ADDR=0
19E3  1916
19E3  1917              BLDIDB  NAME=SUSPO,-
19E3  1918                      SSTRING=<SUSPO>,-
19E3  1919                      LSTRING=<Suspended (Outswapped)>,-
19E3  1920                      SIZE=LONG,-
19E3  1921                      TYPE=LEVEL,-
19E3  1922                      ADDR=0
19E3  1923
19E3  1924              BLDIDB  NAME=FPG,-
19E3  1925                      SSTRING=<FPG>,-
19E3  1926                      LSTRING=<Free Page Wait>,-
19E3  1927                      SIZE=LONG,-
19E3  1928                      TYPE=LEVEL,-
19E3  1929                      ADDR=0
19E3  1930
19E3  1931              BLDIDB  NAME=COM,-
19E3  1932                      SSTRING=<COM>,-
19E3  1933                      LSTRING=<Compute>,-
19E3  1934                      SIZE=LONG,-
19E3  1935                      TYPE=LEVEL,-
19E3  1936                      ADDR=0
19E3  1937
19E3  1938              BLDIDB  NAME=COMO,-
19E3  1939                      SSTRING=<COMO>,-
19E3  1940                      LSTRING=<Compute (Outswapped)>,-
19E3  1941                      SIZE=LONG,-
19E3  1942                      TYPE=LEVEL,-
19E3  1943                      ADDR=0
19E3  1944
19E3  1945              BLDIDB  NAME=CUR,-
19E3  1946                      SSTRING=<CUR>,-
19E3  1947                      LSTRING=<Current Process>,-
19E3  1948                      SIZE=LONG,-
19E3  1949                      TYPE=LEVEL,-
```

```
19E3  1950                   ADDR=0
19E3  1951
19E3  1952           BLDIDB  NAME=OTHSTAT,-
19E3  1953                   SSTRING=<OTH>,-
19E3  1954                   LSTRING=<Other>,-
19E3  1955                   SIZE=LONG,-
19E3  1956                   TYPE=LEVEL,-
19E3  1957                   ADDR=OTHER_STATES
19E3  1958
19E3  1959           BLDIDB  NAME=PROCS,-
19E3  1960                   SSTRING=<PROCS>,-
19E3  1961                   LSTRING=<Process Count>,-
19E3  1962                   SIZE=LONG,-
19E3  1963                   TYPE=LEVEL,-
19E3  1964                   ADDR=PROC_COUNT
19E3  1965
19E3  1966
19E3  1967  ; Entries for page statistics display
19E3  1968  ;
19E3  1969
19E3  1970           BLDIDB  NAME=FRLIST,-
19E3  1971                   SSTRING=<FR LIST SIZE>,-
19E3  1972                   LSTRING=<Free List Size>,-
19E3  1973                   SIZE=LONG,-
19E3  1974                   TYPE=LEVEL,-
19E3  1975                   ADDR=SCH$GL_FREECNT
19E3  1976
19E3  1977           BLDIDB  NAME=MODLIST,-
19E3  1978                   SSTRING=<MOD LST SIZE>,-
19E3  1979                   LSTRING=<Modified List Size>,-
19E3  1980                   SIZE=LONG,-
19E3  1981                   TYPE=LEVEL,-
19E3  1982                   ADDR=SCH$GL_MFYCNT
19E3  1983
19E3  1984           BLDIDB  NAME=FAULTS,-
19E3  1985                   SSTRING=<FAULTS>,-
19E3  1986                   LSTRING=<Page Fault Rate>,-
19E3  1987                   SIZE=LONG,-
19E3  1988                   TYPE=COUNT,-
19E3  1989                   ADDR=PMS$GL_FAULTS
19E3  1990
19E3  1991           BLDIDB  NAME=PREADS,-
19E3  1992                   SSTRING=<RDFLTS>,-
19E3  1993                   LSTRING=<Page Read Rate>,-
19E3  1994                   SIZE=LONG,-
19E3  1995                   TYPE=COUNT,-
19E3  1996                   ADDR=PMS$GL_RDFLTS
19E3  1997
19E3  1998           BLDIDB  NAME=PWRITES,-
19E3  1999                   SSTRING=<PWRITES>,-
19E3  2000                   LSTRING=<Page Write Rate>,-
19E3  2001                   SIZE=LONG,-
19E3  2002                   TYPE=COUNT,-
19E3  2003                   ADDR=PMS$GL_PWRITES
19E3  2004
19E3  2005           BLDIDB  NAME=FREFLTS,-
19E3  2006                   SSTRING=<FREFLTS>,-
```

```
19E3 2007                    LSTRING=<Free List Fault Rate>,-
19E3 2008                    SIZE=LONG,-
19E3 2009                    TYPE=COUNT,-
19E3 2010                    ADDR=PMS$AL_TRANSFLT+<4*PFN$C_FREPAGLST>
19E3 2011
19E3 2012          BLDIDB    NAME=MFYFLTS,-
19E3 2013                    SSTRING=<MFYLST>,-
19E3 2014                    LSTRING=<Modified List Fault Rate>,-
19E3 2015                    SIZE=LONG,-
19E3 2016                    TYPE=COUNT,-
19E3 2017                    ADDR=PMS$AL_TRANSFLT+<4*PFN$C_MFYPAGLST>
19E3 2018
19E3 2019          BLDIDB    NAME=DZROFLTS,-
19E3 2020                    SSTRING=<DZRO>,-
19E3 2021                    LSTRING=<Demand Zero Fault Rate>,-
19E3 2022                    SIZE=LONG,-
19E3 2023                    TYPE=COUNT,-
19E3 2024                    ADDR=PMS$GL_DZROFLTS
19E3 2025
19E3 2026          BLDIDB    NAME=GVALFLTS,-
19E3 2027                    SSTRING=<GVAL>,-
19E3 2028                    LSTRING=<Global Valid Fault Rate>,-
19E3 2029                    SIZE=LONG,-
19E3 2030                    TYPE=COUNT,-
19E3 2031                    ADDR=PMS$GL_GVALID
19E3 2032
19E3 2033          BLDIDB    NAME=WRTINPROG,-
19E3 2034                    SSTRING=<WRTINPRG>,-
19E3 2035                    LSTRING=<Wrt In Progress Fault Rate>,-
19E3 2036                    SIZE=LONG,-
19E3 2037                    TYPE=COUNT,-
19E3 2038                    ADDR=PMS$AL_TRANSFLT+<4*PFN$C_WRTINPROG>
19E3 2039
19E3 2040          BLDIDB    NAME=PWRITIO,-
19E3 2041                    SSTRING=<PWRITIO>,-
19E3 2042                    LSTRING=<Page Write I/O Rate>,-
19E3 2043                    SIZE=LONG,-
19E3 2044                    TYPE=COUNT,-
19E3 2045                    ADDR=PMS$GL_PWRITIO
19E3 2046
19E3 2047          BLDIDB    NAME=PREADIO,-
19E3 2048                    SSTRING=<PREADIO>,-
19E3 2049                    LSTRING=<Page Read I/O Rate>,-
19E3 2050                    SIZE=LONG,-
19E3 2051                    TYPE=COUNT,-
19E3 2052                    ADDR=PMS$GL_PREADIO
19E3 2053
19E3 2054          BLDIDB    NAME=SYSFAULTS,-
19E3 2055                    SSTRING=<SYSFLTS>,-
19E3 2056                    LSTRING=<System Fault Rate>,-
19E3 2057                    SIZE=LONG,-
19E3 2058                    TYPE=COUNT,-
19E3 2059                    ADDR=SYSFAULTS
19E3 2060
19E3 2061 ;
19E3 2062 ; Entries for Pool display
19E3 2063 ;
```

```
19E3  2064              BLDIDB  NAME=SRPCNT,-
19E3  2065                      SSTRING=<SRPCNT>,-
19E3  2066                      LSTRING=<SRPs Available>,-
19E3  2067                      SIZE=LONG,-
19E3  2068                      TYPE=LEVEL,-
19E3  2069                      ADDR=SRPCNT
19E3  2070
19E3  2071
19E3  2072              BLDIDB  NAME=SRPINUSE,-
19E3  2073                      SSTRING=<SRPINUSE>,-
19E3  2074                      LSTRING=<SRPs In Use>,-
19E3  2075                      SIZE=LONG,-
19E3  2076                      TYPE=LEVEL,-
19E3  2077                      ADDR=SRPINUSE
19E3  2078
19E3  2079              BLDIDB  NAME=IRPCNT,-
19E3  2080                      SSTRING=<IRPCNT>,-
19E3  2081                      LSTRING=<IRPs Available>,-
19E3  2082                      SIZE=LONG,-
19E3  2083                      TYPE=LEVEL,-
19E3  2084                      ADDR=IRPCNT
19E3  2085
19E3  2086              BLDIDB  NAME=IRPINUSE,-
19E3  2087                      SSTRING=<IRPINUSE>,-
19E3  2088                      LSTRING=<IRPs In Use>,-
19E3  2089                      SIZE=LONG,-
19E3  2090                      TYPE=LEVEL,-
19E3  2091                      ADDR=IRPINUSE
19E3  2092
19E3  2093              BLDIDB  NAME=LRPCNT,-
19E3  2094                      SSTRING=<LRPCNT>,-
19E3  2095                      LSTRING=<LRPs Available>,-
19E3  2096                      SIZE=LONG,-
19E3  2097                      TYPE=LEVEL,-
19E3  2098                      ADDR=LRPCNT
19E3  2099
19E3  2100              BLDIDB  NAME=LRPINUSE,-
19E3  2101                      SSTRING=<LRPINUSE>,-
19E3  2102                      LSTRING=<LRPs In Use>,-
19E3  2103                      SIZE=LONG,-
19E3  2104                      TYPE=LEVEL,-
19E3  2105                      ADDR=LRPINUSE
19E3  2106
19E3  2107              BLDIDB  NAME=HOLECNT,-
19E3  2108                      SSTRING=<HOLES>,-
19E3  2109                      LSTRING=<Holes In Pool>,-
19E3  2110                      SIZE=LONG,-
19E3  2111                      TYPE=LEVEL,-
19E3  2112                      ADDR=HOLECNT
19E3  2113
19E3  2114              BLDIDB  NAME=HOLESUM,-
19E3  2115                      SSTRING=<SPACE>,-
19E3  2116                      LSTRING=<Dynamic Bytes Available>,-
19E3  2117                      SIZE=LONG,-
19E3  2118                      TYPE=LEVEL,-
19E3  2119                      ADDR=HOLESUM
19E3  2120
```

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```
19E3  2121            BLDIDB  NAME=DYNINUSE,-
19E3  2122                    SSTRING=<DYNINUSE>,-
19E3  2123                    LSTRING=<Dynamic Bytes In Use>,-
19E3  2124                    SIZE=LONG,-
19E3  2125                    TYPE=LEVEL,-
19E3  2126                    ADDR=DYNINUSE
19E3  2127
19E3  2128            BLDIDB  NAME=BIGHOLE,-
19E3  2129                    SSTRING=<LARGEST>,-
19E3  2130                    LSTRING=<Largest Block>,-
19E3  2131                    SIZE=LONG,-
19E3  2132                    TYPE=LEVEL,-
19E3  2133                    ADDR=BIGHOLE
19E3  2134
19E3  2135            BLDIDB  NAME=SMALLHOLE,-
19E3  2136                    SSTRING=<SMALLEST>,-
19E3  2137                    LSTRING=<Smallest Block>,-
19E3  2138                    SIZE=LONG,-
19E3  2139                    TYPE=LEVEL,-
19E3  2140                    ADDR=SMALLHOLE
19E3  2141
19E3  2142            BLDIDB  NAME=SMALLCNT,-
19E3  2143                    SSTRING=<# LEQ 32>,-
19E3  2144                    LSTRING=<Blocks Less or Eq 32 Bytes>,-
19E3  2145                    SIZE=LONG,-
19E3  2146                    TYPE=LEVEL,-
19E3  2147                    ADDR=SMALLCNT
19E3  2148
19E3  2149
19E3  2150
19E3  2151
19E3  2152
19E3  2153  ; Entries for I/O rates display
19E3  2154  ;
19E3  2155
19E3  2156            BLDIDB  NAME=ISWPCNT,-
19E3  2157                    SSTRING=<INSWAP>,-
19E3  2158                    LSTRING=<Inswap Rate>,-
19E3  2159                    SIZE=LONG,-
19E3  2160                    TYPE=COUNT,-
19E3  2161                    ADDR=SWP$GL_ISWPCNT
19E3  2162
19E3  2163            BLDIDB  NAME=DIRIO,-
19E3  2164                    SSTRING=<DIRIO>,-
19E3  2165                    LSTRING=<Direct I/O Rate>,-
19E3  2166                    SIZE=LONG,-
19E3  2167                    TYPE=COUNT,-
19E3  2168                    ADDR=PMS$GL_DIRIO
19E3  2169
19E3  2170            BLDIDB  NAME=BUFIO,-
19E3  2171                    SSTRING=<BUFIO>,-
19E3  2172                    LSTRING=<Buffered I/O Rate>,-
19E3  2173                    SIZE=LONG,-
19E3  2174                    TYPE=COUNT,-
19E3  2175                    ADDR=PMS$GL_BUFIO
19E3  2176
19E3  2177            BLDIDB  NAME=MBREADS,-
```

```
19E3  2178                              SSTRING=<MBREADS>,-
19E3  2179                              LSTRING=<Mailbox Read Rate>,-
19E3  2180                              SIZE=LONG,-
19E3  2181                              TYPE=COUNT,-
19E3  2182                              ADDR=PMS$GL_MBREADS
19E3  2183
19E3  2184              BLDIDB  NAME=MBWRITES,-
19E3  2185                              SSTRING=<MBWRITES>,-
19E3  2186                              LSTRING=<Mailbox Write Rate>,-
19E3  2187                              SIZE=LONG,-
19E3  2188                              TYPE=COUNT,-
19E3  2189                              ADDR=PMS$GL_MBWRITES
19E3  2190
19E3  2191              BLDIDB  NAME=LOGNAM,-
19E3  2192                              SSTRING=<LOGNAM>,-
19E3  2193                              LSTRING=<Log Name Translation Rate>,-
19E3  2194                              SIZE=LONG,-
19E3  2195                              TYPE=COUNT,-
19E3  2196                              ADDR=PMS$GL_LOGNAM
19E3  2197
19E3  2198              BLDIDB  NAME=ACCESS,-
19E3  2199                              SSTRING=<ACCESS>,-
19E3  2200                              LSTRING=<File Lookup Rate>,-
19E3  2201                              SIZE=LONG,-
19E3  2202                              TYPE=COUNT,-
19E3  2203                              ADDR=PMS$GL_FCP2+<4*6>
19E3  2204
19E3  2205      ; IDBs for FCP display
19E3  2206
19E3  2207
19E3  2208
19E3  2209              BLDIDB  NAME=FCPCALLS,-
19E3  2210                              SSTRING=<CALLS>,-
19E3  2211                              LSTRING=<FCP Call Rate>,-
19E3  2212                              SIZE=LONG,-
19E3  2213                              TYPE=COUNT,-
19E3  2214                              ADDR=FCPCALLS
19E3  2215
19E3  2216              BLDIDB  NAME=ALLOC,-
19E3  2217                              SSTRING=<ALLOC>,-
19E3  2218                              LSTRING=<Allocation Rate>,-
19E3  2219                              SIZE=LONG,-
19E3  2220                              TYPE=COUNT,-
19E3  2221                              ADDR=PMS$GL_FCP2+<4*8>
19E3  2222
19E3  2223              BLDIDB  NAME=FCPCREATE,-
19E3  2224                              SSTRING=<CREATES>,-
19E3  2225                              LSTRING=<Create Rate>,-
19E3  2226                              SIZE=LONG,-
19E3  2227                              TYPE=COUNT,-
19E3  2228                              ADDR=PMS$GL_FCP2+44
19E3  2229
19E3  2230
19E3  2231              BLDIDB  NAME=FCPREAD,-
19E3  2232                              SSTRING=<READS>,-
19E3  2233                              LSTRING=<Disk Read Rate>,-
19E3  2234                              SIZE=LONG,-
```

```
19E3  2235                    TYPE=COUNT,-
19E3  2236                    ADDR=FCPREAD
19E3  2237
19E3  2238            BLDIDB  NAME=FCPWRITE,-
19E3  2239                    SSTRING=<WRITES>,-
19E3  2240                    LSTRING=<Disk Write Rate>,-
19E3  2241                    SIZE=LONG,-
19E3  2242                    TYPE=COUNT,-
19E3  2243                    ADDR=FCPWRITE
19E3  2244
19E3  2245            BLDIDB  NAME=FCPCACHE,-
19E3  2246                    SSTRING=<CACHE>,-
19E3  2247                    LSTRING=<Cache Hit Rate>,-
19E3  2248                    SIZE=LONG,-
19E3  2249                    TYPE=COUNT,-
19E3  2250                    ADDR=FCPCACHE
19E3  2251
19E3  2252            BLDIDB  NAME=VOLWAIT,-
19E3  2253                    SSTRING=<VOLWAIT>,-
19E3  2254                    LSTRING=<Volume Lock Wait Rate>,-
19E3  2255                    SIZE=LONG,-
19E3  2256                    TYPE=COUNT,-
19E3  2257                    ADDR=PMS$GL_VOLWAIT
19E3  2258
19E3  2259            BLDIDB  NAME=FCPCPU,-
19E3  2260                    SSTRING=<CPUTIM>,-
19E3  2261                    LSTRING=<CPU Tick Rate>,-
19E3  2262                    SIZE=LONG,-
19E3  2263                    TYPE=COUNT,-
19E3  2264                    ADDR=FCPCPU
19E3  2265
19E3  2266            BLDIDB  NAME=FCPTURN,-
19E3  2267                    SSTRING=<TURNS>,-
19E3  2268                    LSTRING=<Window Turn Rate>,-
19E3  2269                    SIZE=LONG,-
19E3  2270                    TYPE=COUNT,-
19E3  2271                    ADDR=PMS$GL_TURN
19E3  2272
19E3  2273            BLDIDB  NAME=FCPSPLIT,-
19E3  2274                    SSTRING=<SPLIT TRANS.>,-
19E3  2275                    LSTRING=<Split Transfers>,-
19E3  2276                    SIZE=LONG,-
19E3  2277                    TYPE=COUNT,-
19E3  2278                    ADDR=PMS$GL_SPLIT
19E3  2279
19E3  2280            BLDIDB  NAME=FCPHIT,-
19E3  2281                    SSTRING=<HITS>,-
19E3  2282                    LSTRING=<Window Hits>,-
19E3  2283                    SIZE=LONG,-
19E3  2284                    TYPE=COUNT,-
19E3  2285                    ADDR=PMS$GL_HIT
19E3  2286
19E3  2287            BLDIDB  NAME=OPENS,-
19E3  2288                    SSTRING=<OPENS>,-
19E3  2289                    LSTRING=<File Open Rate>,-
19E3  2290                    SIZE=LONG,-
19E3  2291                    TYPE=COUNT,-
```

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```
19E3  2292                    ADDR=PMS$GL_OPENS
19E3  2293
19E3  2294          BLDIDB   NAME=FCPFAULT,-
19E3  2295                   SSTRING=<FAULTS>,-
19E3  2296                   LSTRING=<File Sys Page Fault Rate>,-
19E3  2297                   SIZE=LONG,-
19E3  2298                   TYPE=COUNT,-
19E3  2299                   ADDR=FCPFAULT
19E3  2300
19E3  2301          BLDIDB   NAME=FCPERASE,-
19E3  2302                   SSTRING=<ERASES>,-
19E3  2303                   LSTRING=<Erase Rate>,-
19E3  2304                   SIZE=LONG,-
19E3  2305                   TYPE=COUNT,-
19E3  2306                   ADDR=PMS$GL_ERASEIO
19E3  2307
19E3  2308  ;
19E3  2309  ;  IDB's for the LOCK class
19E3  2310  ;
19E3  2311
19E3  2312          BLDIDB   NAME=ENQNEW,-
19E3  2313                   SSTRING=<ENQ NEWS>,-
19E3  2314                   LSTRING=<New ENQ Rate>,-
19E3  2315                   SIZE=LONG,-
19E3  2316                   TYPE=COUNT,-
19E3  2317                   ADDR=ENQNEW
19E3  2318
19E3  2319          BLDIDB   NAME=ENQCVT,-
19E3  2320                   SSTRING=<ENQ CVTS>,-
19E3  2321                   LSTRING=<Converted ENQ Rate>,-
19E3  2322                   SIZE=LONG,-
19E3  2323                   TYPE=COUNT,-
19E3  2324                   ADDR=ENQCVT
19E3  2325
19E3  2326          BLDIDB   NAME=DEQ,-
19E3  2327                   SSTRING=<DEQs>,-
19E3  2328                   LSTRING=<DEQ Rate>,-
19E3  2329                   SIZE=LONG,-
19E3  2330                   TYPE=COUNT,-
19E3  2331                   ADDR=DEQ
19E3  2332
19E3  2333          BLDIDB   NAME=BLKAST,-
19E3  2334                   SSTRING=<BLK ASTs>,-
19E3  2335                   LSTRING=<Blocking AST Rate>,-
19E3  2336                   SIZE=LONG,-
19E3  2337                   TYPE=COUNT,-
19E3  2338                   ADDR=BLKAST
19E3  2339
19E3  2340          BLDIDB   NAME=ENQWAIT,-
19E3  2341                   SSTRING=<FWAITs>,-
19E3  2342                   LSTRING=<ENQs Forced To Wait Rate>,-
19E3  2343                   SIZE=LONG,-
19E3  2344                   TYPE=COUNT,-
19E3  2345                   ADDR=PMS$GL_ENQWAIT
19E3  2346
19E3  2347          BLDIDB   NAME=ENQNOTQD,-
19E3  2348                   SSTRING=<ENQNOTQs>,-
```

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```
19E3  2349                          LSTRING=<ENQs Not Queued Rate>,-
19E3  2350                          SIZE=LONG,-
19E3  2351                          TYPE=COUNT,-
19E3  2352                          ADDR=PMS$GL_ENQNOTQD
19E3  2353
19E3  2354          BLDIDB  NAME=DLCKSRCH,-
19E3  2355                          SSTRING=<DLCK SRCH>,-
19E3  2356                          LSTRING=<Deadlock Search Rate>,-
19E3  2357                          SIZE=LONG,-
19E3  2358                          TYPE=COUNT,-
19E3  2359                          ADDR=PMS$GL_DLCKSRCH
19E3  2360
19E3  2361          BLDIDB  NAME=DLCKFND,-
19E3  2362                          SSTRING=<DLCK FIND>,-
19E3  2363                          LSTRING=<Deadlock Find Rate>,-
19E3  2364                          SIZE=LONG,-
19E3  2365                          TYPE=COUNT,-
19E3  2366                          ADDR=PMS$GL_DLCKFND
19E3  2367
19E3  2368          BLDIDB  NAME=NUMLOCKS,-
19E3  2369                          SSTRING=<TOT LOCKS>,-
19E3  2370                          LSTRING=<Total Locks>,-
19E3  2371                          SIZE=LONG,-
19E3  2372                          TYPE=LEVEL,-
19E3  2373                          ADDR=LOCKCNT
19E3  2374
19E3  2375          BLDIDB  NAME=NUMRES,-
19E3  2376                          SSTRING=<RESOURCES>,-
19E3  2377                          LSTRING=<Total Resources>,-
19E3  2378                          SIZE=LONG,-
19E3  2379                          TYPE=LEVEL,-
19E3  2380                          ADDR=RESCNT
19E3  2381
19E3  2382
19E3  2383  ; IDB's for the DECNET class
19E3  2384  ;
19E3  2385
19E3  2386          BLDIDB  NAME=ARRLOCPK,-
19E3  2387                          SSTRING=<ARR L PK>,-
19E3  2388                          LSTRING=<Arriving Local Packet Rate>,-
19E3  2389                          SIZE=LONG,-
19E3  2390                          TYPE=COUNT,-
19E3  2391                          ADDR=PMS$GL_ARRLOCPK
19E3  2392
19E3  2393          BLDIDB  NAME=DEPLOCPK,-
19E3  2394                          SSTRING=<DEP L PK>,-
19E3  2395                          LSTRING=<Departng Local Packet Rate>,-
19E3  2396                          SIZE=LONG,-
19E3  2397                          TYPE=COUNT,-
19E3  2398                          ADDR=PMS$GL_DEPLOCPK
19E3  2399
19E3  2400          BLDIDB  NAME=ARRTRAPK,-
19E3  2401                          SSTRING=<ARR T PK>,-
19E3  2402                          LSTRING=<Arriving Trans Packet Rate>,-
19E3  2403                          SIZE=LONG,-
19E3  2404                          TYPE=COUNT,-
19E3  2405                          ADDR=PMS$GL_ARRTRAPK
```

```
19E3    2406
19E3    2407            BLDIDB  NAME=TRCNGLOS,-
19E3    2408                    SSTRING=<T CNG LS>,-
19E3    2409                    LSTRING=<Trans Congestion Loss Rate>,-
19E3    2410                    SIZE=LONG,-
19E3    2411                    TYPE=COUNT,-
19E3    2412                    ADDR=PMS$GL_TRCNGLOS
19E3    2413
19E3    2414            BLDIDB  NAME=RCVBUFFL,-
19E3    2415                    SSTRING=<RCVBFFLs>,-
19E3    2416                    LSTRING=<Receiver Buff Failure Rate>,-
19E3    2417                    SIZE=LONG,-
19E3    2418                    TYPE=COUNT,-
19E3    2419                    ADDR=PMS$GL_RCVBUFFL
```

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```
19E3  2421  ;
19E3  2422  ; IDB's for the JOURNALING class
19E3  2423  ;
19E3  2424
19E3  2425          BLDIDB  NAME=JNLJRNLS,-
19E3  2426                  SSTRING=<>,-
19E3  2427                  LSTRING=<Active Journals>,-
19E3  2428                  SIZE=LONG,-
19E3  2429                  TYPE=LEVEL,-
19E3  2430                  ADDR=PMS$GL_JNLJRNLS
19E3  2431
19E3  2432          BLDIDB  NAME=JNLCHNLS,-
19E3  2433                  SSTRING=<>,-
19E3  2434                  LSTRING=<Journal Channels Assigned>,-
19E3  2435                  SIZE=LONG,-
19E3  2436                  TYPE=LEVEL,-
19E3  2437                  ADDR=PMS$GL_JNLCHNLS
19E3  2438
19E3  2439          BLDIDB  NAME=JNLWRTAI,-
19E3  2440                  SSTRING=<>,-
19E3  2441                  LSTRING=<AI Journal Write Rate>,-
19E3  2442                  SIZE=LONG,-
19E3  2443                  TYPE=COUNT,-
19E3  2444                  ADDR=PMS$GL_JNLWRTAI
19E3  2445
19E3  2446          BLDIDB  NAME=JNLWRTBI,-
19E3  2447                  SSTRING=<>,-
19E3  2448                  LSTRING=<BI Journal Write Rate>,-
19E3  2449                  SIZE=LONG,-
19E3  2450                  TYPE=COUNT,-
19E3  2451                  ADDR=PMS$GL_JNLWRTBI
19E3  2452
19E3  2453          BLDIDB  NAME=JNLWRTAT,-
19E3  2454                  SSTRING=<>,-
19E3  2455                  LSTRING=<AT Journal Write Rate>,-
19E3  2456                  SIZE=LONG,-
19E3  2457                  TYPE=COUNT,-
19E3  2458                  ADDR=PMS$GL_JNLWRTAT
19E3  2459
19E3  2460          BLDIDB  NAME=JNLWRTRU,-
19E3  2461                  SSTRING=<>,-
19E3  2462                  LSTRING=<RU Journal Write Rate>,-
19E3  2463                  SIZE=LONG,-
19E3  2464                  TYPE=COUNT,-
19E3  2465                  ADDR=PMS$GL_JNLWRTRU
19E3  2466
19E3  2467          BLDIDB  NAME=JNLDIRIO,-
19E3  2468                  SSTRING=<>,-
19E3  2469                  LSTRING=<Journal Direct I/O Rate>,-
19E3  2470                  SIZE=LONG,-
19E3  2471                  TYPE=COUNT,-
19E3  2472                  ADDR=PMS$GL_JNLDIRIO
19E3  2473
19E3  2474          BLDIDB  NAME=JNLBUFIO,-
19E3  2475                  SSTRING=<>,-
19E3  2476                  LSTRING=<Journal Buffered I/O Rate>,-
19E3  2477                  SIZE=LONG,-
```

```
19E3   2478                          TYPE=COUNT,-
19E3   2479                          ADDR=PMS$GL_JNLBUFIO
19E3   2480
19E3   2481          BLDIDB   NAME=JNLWRTSS,-
19E3   2482                          SSTRING=<>,-
19E3   2483                          LSTRING=<Journal Write Rate>,-
19E3   2484                          SIZE=LONG,-
19E3   2485                          TYPE=COUNT,-
19E3   2486                          ADDR=PMS$GL_JNLWRTSS
19E3   2487
19E3   2488          BLDIDB   NAME=JNLFORNL,-
19E3   2489                          SSTRING=<>,-
19E3   2490                          LSTRING=<FORCEJNL Null Rate>,-
19E3   2491                          SIZE=LONG,-
19E3   2492                          TYPE=COUNT,-
19E3   2493                          ADDR=PMS$GL_JNLFORNL
19E3   2494
19E3   2495          BLDIDB   NAME=JNLFORFL,-
19E3   2496                          SSTRING=<>,-
19E3   2497                          LSTRING=<FORCEJNL Flush Rate>,-
19E3   2498                          SIZE=LONG,-
19E3   2499                          TYPE=COUNT,-
19E3   2500                          ADDR=PMS$GL_JNLFORFL
19E3   2501
19E3   2502          BLDIDB   NAME=JNLBUFWR,-
19E3   2503                          SSTRING=<>,-
19E3   2504                          LSTRING=<Journal Buffer-write Rate>,-
19E3   2505                          SIZE=LONG,-
19E3   2506                          TYPE=COUNT,-
19E3   2507                          ADDR=PMS$GL_JNLBUFWR
19E3   2508
19E3   2509          BLDIDB   NAME=JNLWRTFM,-
19E3   2510                          SSTRING=<>,-
19E3   2511                          LSTRING=<Force Modifier Write Rate>,-
19E3   2512                          SIZE=LONG,-
19E3   2513                          TYPE=COUNT,-
19E3   2514                          ADDR=PMS$GL_JNLWRTFM
19E3   2515
19E3   2516
19E3   2517   ; IDB's for the RU class
19E3   2518
19E3   2519
19E3   2520          BLDIDB   NAME=RUFACTIV,-
19E3   2521                          SSTRING=<>,-
19E3   2522                          LSTRING=<Active Recovery Units>,-
19E3   2523                          SIZE=LONG,-
19E3   2524                          TYPE=LEVEL,-
19E3   2525                          ADDR=PMS$GL_RUFACTIV
19E3   2526
19E3   2527          BLDIDB   NAME=RUFJNLS,-
19E3   2528                          SSTRING=<>,-
19E3   2529                          LSTRING=<Active RU Journals>,-
19E3   2530                          SIZE=LONG,-
19E3   2531                          TYPE=LEVEL,-
19E3   2532                          ADDR=PMS$GL_RUFJNLS
19E3   2533
19E3   2534          BLDIDB   NAME=RUFCHNLS,-
```

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```
19E3  2535                    SSTRING=<>,-
19E3  2536                    LSTRING=<RU Channels Assigned>,-
19E3  2537                    SIZE=LONG,-
19E3  2538                    TYPE=LEVEL,-
19E3  2539                    ADDR=PMS$GL_RUFCHNLS
19E3  2540
19E3  2541        BLDIDB  NAME=RUFWRTS,-
19E3  2542                    SSTRING=<>,-
19E3  2543                    LSTRING=<RU Journal Write Rate>,-
19E3  2544                    SIZE=LONG,-
19E3  2545                    TYPE=COUNT,-
19E3  2546                    ADDR=PMS$GL_RUFWRTS
19E3  2547
19E3  2548        BLDIDB  NAME=RUFREADS,-
19E3  2549                    SSTRING=<>,-
19E3  2550                    LSTRING=<RU Journal Read Rate>,-
19E3  2551                    SIZE=LONG,-
19E3  2552                    TYPE=COUNT,-
19E3  2553                    ADDR=PMS$GL_RUFREADS
19E3  2554
19E3  2555        BLDIDB  NAME=RUFXTNDS,-
19E3  2556                    SSTRING=<>,-
19E3  2557                    LSTRING=<RU Journal Extend Rate>,-
19E3  2558                    SIZE=LONG,-
19E3  2559                    TYPE=COUNT,-
19E3  2560                    ADDR=PMS$GL_RUFXTNDS
19E3  2561
19E3  2562        BLDIDB  NAME=RUFMARK,-
19E3  2563                    SSTRING=<>,-
19E3  2564                    LSTRING=<Mark ID Rate>,-
19E3  2565                    SIZE=LONG,-
19E3  2566                    TYPE=COUNT,-
19E3  2567                    ADDR=PMS$GL_RUFMARK
19E3  2568
19E3  2569        BLDIDB  NAME=RUFMRKRB,-
19E3  2570                    SSTRING=<>,-
19E3  2571                    LSTRING=<Mark ID Rollback Rate>,-
19E3  2572                    SIZE=LONG,-
19E3  2573                    TYPE=COUNT,-
19E3  2574                    ADDR=PMS$GL_RUFMRKRB
19E3  2575
19E3  2576        BLDIDB  NAME=RUFABORT,-
19E3  2577                    SSTRING=<>,-
19E3  2578                    LSTRING=<RU Abort Rate>,-
19E3  2579                    SIZE=LONG,-
19E3  2580                    TYPE=COUNT,-
19E3  2581                    ADDR=PMS$GL_RUFABORT
19E3  2582
19E3  2583    ; IDB's for the FILE_SYSTEM_CACHE class
19E3  2584    :
19E3  2585    :
19E3  2586
19E3  2587        BLDIDB  NAME=FILHDR_HITPCNT,-
19E3  2588                    SSTRING=<>,-
19E3  2589                    LSTRING=<File Hdr   (Hit %)>,-
19E3  2590                    SIZE=LONG,-
19E3  2591                    TYPE=LEVEL,-
```

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```
19E3  2592                    ADDR=0,-
19E3  2593                    FLAGS=IDB$M_PCNT
19E3  2594
19E3  2595            BLDIDB  NAME=FILHDR_HIT,-
19E3  2596                    SSTRING=<>,-
19E3  2597                    LSTRING=<File Hdr Cache Hit Rate>,-
19E3  2598                    SIZE=LONG,-
19E3  2599                    TYPE=COUNT,-
19E3  2600                    ADDR=PMS$GL_FILHDR_HIT
19E3  2601
19E3  2602            BLDIDB  NAME=FILHDR_TRIES,-
19E3  2603                    SSTRING=<>,-
19E3  2604                    LSTRING=<              (Attempt Rate)>,-
19E3  2605                    SIZE=LONG,-
19E3  2606                    TYPE=COUNT,-
19E3  2607                    ADDR=FILHDR_TRIES
19E3  2608
19E3  2609            BLDIDB  NAME=FIDHITPCNT,-
19E3  2610                    SSTRING=<>,-
19E3  2611                    LSTRING=<File ID    (Hit %)>,-
19E3  2612                    SIZE=LONG,-
19E3  2613                    TYPE=LEVEL,-
19E3  2614                    ADDR=0,-
19E3  2615                    FLAGS=IDB$M_PCNT
19E3  2616
19E3  2617            BLDIDB  NAME=FIDHIT,-
19E3  2618                    SSTRING=<>,-
19E3  2619                    LSTRING=<File Id Cache Hit Rate>,-
19E3  2620                    SIZE=LONG,-
19E3  2621                    TYPE=COUNT,-
19E3  2622                    ADDR=PMS$GL_FIDHIT
19E3  2623
19E3  2624            BLDIDB  NAME=FID_TRIES,-
19E3  2625                    SSTRING=<>,-
19E3  2626                    LSTRING=<              (Attempt Rate)>,-
19E3  2627                    SIZE=LONG,-
19E3  2628                    TYPE=COUNT,-
19E3  2629                    ADDR=FID_TRIES
19E3  2630
19E3  2631            BLDIDB  NAME=FIDMISS,-
19E3  2632                    SSTRING=<>,-
19E3  2633                    LSTRING=<File Id Cache Miss Rate>,-
19E3  2634                    SIZE=LONG,-
19E3  2635                    TYPE=COUNT,-
19E3  2636                    ADDR=PMS$GL_FIDMISS
19E3  2637
19E3  2638            BLDIDB  NAME=DIRFCB_HITPCNT,-
19E3  2639                    SSTRING=<>,-
19E3  2640                    LSTRING=<Dir FCB     (Hit %)>,-
19E3  2641                    SIZE=LONG,-
19E3  2642                    TYPE=LEVEL,-
19E3  2643                    ADDR=0,-
19E3  2644                    FLAGS=IDB$M_PCNT
19E3  2645
19E3  2646            BLDIDB  NAME=DIRFCB_HIT,-
19E3  2647                    SSTRING=<>,-
19E3  2648                    LSTRING=<Dir. FCB Cache Hit Rate>,-
```

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```
19E3  2649                         SIZE=LONG,-
19E3  2650                         TYPE=COUNT,-
19E3  2651                         ADDR=PMS$GL_DIRHIT
19E3  2652
19E3  2653             BLDIDB  NAME=DIRFCB_TRIES,-
19E3  2654                         SSTRING=<>,=
19E3  2655                         LSTRING=<            (Attempt Rate)>,-
19E3  2656                         SIZE=LONG,-
19E3  2657                         TYPE=COUNT,-
19E3  2658                         ADDR=DIRFCB_TRIES
19E3  2659
19E3  2660             BLDIDB  NAME=DIRFCB_MISS,-
19E3  2661                         SSTRING=<>,=
19E3  2662                         LSTRING=<Dir. FCB Cache Miss Rate>,-
19E3  2663                         SIZE=LONG,-
19E3  2664                         TYPE=COUNT,-
19E3  2665                         ADDR=PMS$GL_DIRMISS
19E3  2666
19E3  2667             BLDIDB  NAME=DIRDATA_HITPCNT,-
19E3  2668                         SSTRING=<>,-
19E3  2669                         LSTRING=<File Hdr   (Hit %)>,-
19E3  2670                         LSTRING=<Dir Data   (Hit %)>,-
19E3  2671                         SIZE=LONG,-
19E3  2672                         TYPE=LEVEL,-
19E3  2673                         ADDR=0,-
19E3  2674                         FLAGS=IDB$M_PCNT
19E3  2675
19E3  2676             BLDIDB  NAME=DIRDATA_HIT,-
19E3  2677                         SSTRING=<>,-
19E3  2678                         LSTRING=<Directory Cache Hit Rate>,-
19E3  2679                         SIZE=LONG,-
19E3  2680                         TYPE=COUNT,-
19E3  2681                         ADDR=PMS$GL_DIRDATA_HIT
19E3  2682
19E3  2683             BLDIDB  NAME=DIRDATA_TRIES,-
19E3  2684                         SSTRING=<>,-
19E3  2685                         LSTRING=<            (Attempt Rate)>,-
19E3  2686                         SIZE=LONG,-
19E3  2687                         TYPE=COUNT,-
19E3  2688                         ADDR=DIRDATA_TRIES
19E3  2689
19E3  2690             BLDIDB  NAME=EXTHITPCNT,-
19E3  2691                         SSTRING=<>,-
19E3  2692                         LSTRING=<Extent     (Hit %)>,-
19E3  2693                         SIZE=LONG,-
19E3  2694                         TYPE=LEVEL,-
19E3  2695                         ADDR=0,-
19E3  2696                         FLAGS=IDB$M_PCNT
19E3  2697
19E3  2698             BLDIDB  NAME=EXTHIT,-
19E3  2699                         SSTRING=<>,-
19E3  2700                         LSTRING=<Extent Cache Hit Rate>,-
19E3  2701                         SIZE=LONG,-
19E3  2702                         TYPE=COUNT,-
19E3  2703                         ADDP=PMS$GL_EXTHIT
19E3  2704
19E3  2705             BLDIDB  NAME=EXT_TRIES,-
```

```
19E3  2706              SSTRING=<>,-
19E3  2707              LSTRING=<              (Attempt Rate)>,-
19E3  2708              SIZE=LONG,-
19E3  2709              TYPE=COUNT,-
19E3  2710              ADDR=EXT_TRIES
19E3  2711
19E3  2712      BLDIDB  NAME=EXTMISS,-
19E3  2713              SSTRING=<>,-
19E3  2714              LSTRING=<Extent Cache Miss Rate>,-
19E3  2715              SIZE=LONG,-
19E3  2716              TYPE=COUNT,-
19E3  2717              ADDR=PMS$GL_EXTMISS
19E3  2718
19E3  2719      BLDIDB  NAME=QUOHITPCNT,-
19E3  2720              SSTRING=<>,-
19E3  2721              LSTRING=<Quota       (Hit %)>,-
19E3  2722              SIZE=LONG,-
19E3  2723              TYPE=LEVEL,-
19E3  2724              ADDR=0,-
19E3  2725              FLAGS=IDB$M_PCNT
19E3  2726
19E3  2727      BLDIDB  NAME=QUOHIT,-
19E3  2728              SSTRING=<>,-
19E3  2729              LSTRING=<Quota Cache Hit Rate>,-
19E3  2730              SIZE=LONG,-
19E3  2731              TYPE=COUNT,-
19E3  2732              ADDR=PMS$GL_QUOHIT
19E3  2733
19E3  2734      BLDIDB  NAME=QUO_TRIES,-
19E3  2735              SSTRING=<>,-
19E3  2736              LSTRING=<              (Attempt Rate)>,-
19E3  2737              SIZE=LONG,-
19E3  2738              TYPE=COUNT,-
19E3  2739              ADDR=QUO_TRIES
19E3  2740
19E3  2741      BLDIDB  NAME=QUOMISS,-
19E3  2742              SSTRING=<>,-
19E3  2743              LSTRING=<Quota Cache Miss Rate>,-
19E3  2744              SIZE=LONG,-
19E3  2745              TYPE=COUNT,-
19E3  2746              ADDR=PMS$GL_QUOMISS
19E3  2747
19E3  2748      BLDIDB  NAME=STORAGMAP_HITPCNT,-
19E3  2749              SSTRING=<>,-
19E3  2750              LSTRING=<Bitmap      (Hit %)>,-
19E3  2751              SIZE=LONG,-
19E3  2752              TYPE=LEVEL,-
19E3  2753              ADDR=0,-
19E3  2754              FLAGS=IDB$M_PCNT
19E3  2755
19E3  2756      BLDIDB  NAME=STORAGMAP_HIT,-
19E3  2757              SSTRING=<>,-
19E3  2758              LSTRING=<Bitmap Hit Rate>,-
19E3  2759              SIZE=LONG,-
19E3  2760              TYPE=COUNT,-
19E3  2761              ADDR=PMS$GL_STORAGMAP_HIT
19E3  2762
```

```
19E3  2763                        BLDIDB  NAME=STORAGMAP_TRIES,-
19E3  2764                                SSTRING=<>,-
19E3  2765                                LSTRING=<                  (Attempt Rate)>,-
19E3  2766                                SIZE=LONG,-
19E3  2767                                TYPE=COUNT,-
19E3  2768                                ADDR=STORAGMAP_TRIES
19E3  2769
19E3  2770
19E3  2771        ; IDB's for the DISK class
19E3  2772        :
19E3  2773
19E3  2774
19E3  2775                        BLDIDB  NAME=OPCNT,-
19E3  2776                                SSTRING=<>,-
19E3  2777                                LSTRING=<I/O Operation Rate>,-
19E3  2778                                SIZE=LONG,-
19E3  2779                                TYPE=COUNT,-
19E3  2780                                ADDR=0
19E3  2781
19E3  2782                        BLDIDB  NAME=IOQUELEN,-
19E3  2783                                SSTRING=<>,-
19E3  2784                                LSTRING=<I/O Request Queue Length>,-
19E3  2785                                SIZE=LONG,-
19E3  2786                                TYPE=LEVEL,-
19E3  2787                                ADDR=0
19E3  2788
19E3  2789                        BLDIDB  NAME=JNLIOCNT,-
19E3  2790                                SSTRING=<>,-
19E3  2791                                LSTRING=<Journal I/O Operation Rate>,-
19E3  2792                                SIZE=LONG,-
19E3  2793                                TYPE=COUNT,-
19E3  2794                                ADDR=0
19E3  2795
19E3  2796
19E3  2797        ; IDB's for the JDEVICE class (some for JDEVICE are in JOURNALING class)
19E3  2798        :
19E3  2799
19E3  2800                        BLDIDB  NAME=JDNQLEN,-
19E3  2801                                SSTRING=<>,-
19E3  2802                                LSTRING=<Normal Queue Length>,-
19E3  2803                                SIZE=LONG,-
19E3  2804                                TYPE=LEVEL,-
19E3  2805                                ADDR=0
19E3  2806
19E3  2807                        BLDIDB  NAME=JDWQLEN,-
19E3  2808                                SSTRING=<>,-
19E3  2809                                LSTRING=<Wait Queue Length>,-
19E3  2810                                SIZE=LONG,-
19E3  2811                                TYPE=LEVEL,-
19E3  2812                                ADDR=0
19E3  2813
19E3  2814                        BLDIDB  NAME=JDFQLEN,-
19E3  2815                                SSTRING=<>,-
19E3  2816                                LSTRING=<Force Queue Length>,-
19E3  2817                                SIZE=LONG,-
19E3  2818                                TYPE=LEVEL,-
19E3  2819                                ADDR=0
```

```
19E3  2820              BLDIDB  NAME=JDEXCNT,-
19E3  2821                      SSTRING=<>,-
19E3  2823                      LSTRING=<Journal Extend Rate>,-
19E3  2824                      SIZE=LONG,-
19E3  2825                      TYPE=COUNT,-
19E3  2826                      ADDR=0
19E3  2827
19E3  2828      ; IDB's for the DLOCK class
19E3  2829      ;
19E3  2830      ;
19E3  2831
19E3  2832              BLDIDB  NAME=ENQNEWLOC,-
19E3  2833                      SSTRING=<>,-
19E3  2834                      LSTRING=<New ENQ Rate         (Local)>,-
19E3  2835                      SIZE=LONG,-
19E3  2836                      TYPE=COUNT,-
19E3  2837                      ADDR=PMS$GL_ENQNEW_LOC
19E3  2838
19E3  2839              BLDIDB  NAME=ENQNEWIN,-
19E3  2840                      SSTRING=<>,-
19E3  2841                      LSTRING=<                (Incoming)>,-
19E3  2842                      SIZE=LONG,-
19E3  2843                      TYPE=COUNT,-
19E3  2844                      ADDR=PMS$GL_ENQNEW_IN
19E3  2845
19E3  2846              BLDIDB  NAME=ENQNEWOUT,-
19E3  2847                      SSTRING=<>,-
19E3  2848                      LSTRING=<                (Outgoing)>,-
19E3  2849                      SIZE=LONG,-
19E3  2850                      TYPE=COUNT,-
19E3  2851                      ADDR=PMS$GL_ENQNEW_OUT
19E3  2852
19E3  2853              BLDIDB  NAME=ENQCVTLOC,-
19E3  2854                      SSTRING=<>,-
19E3  2855                      LSTRING=<Converted ENQ Rate (Local)>,-
19E3  2856                      SIZE=LONG,-
19E3  2857                      TYPE=COUNT,-
19E3  2858                      ADDR=PMS$GL_ENQCVT_LOC
19E3  2859
19E3  2860              BLDIDB  NAME=ENQCVTIN,-
19E3  2861                      SSTRING=<>,-
19E3  2862                      LSTRING=<                (Incoming)>,-
19E3  2863                      SIZE=LONG,-
19E3  2864                      TYPE=COUNT,-
19E3  2865                      ADDR=PMS$GL_ENQCVT_IN
19E3  2866
19E3  2867              BLDIDB  NAME=ENQCVTOUT,-
19E3  2868                      SSTRING=<>,-
19E3  2869                      LSTRING=<                (Outgoing)>,-
19E3  2870                      SIZE=LONG,-
19E3  2871                      TYPE=COUNT,-
19E3  2872                      ADDR=PMS$GL_ENQCVT_OUT
19E3  2873
19E3  2874              BLDIDB  NAME=DEQLOC,-
19E3  2875                      SSTRING=<>,-
19E3  2876                      LSTRING=<DEQ Rate         (Local)>,-
```

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```
19E3  2877                        SIZE=LONG,-
19E3  2878                        TYPE=COUNT,-
19E3  2879                        ADDR=PMS$GL_DEQ_LOC
19E3  2880
19E3  2881          BLDIDB  NAME=DEQIN,-
19E3  2882                  SSTRING=<>,-
19E3  2883                  LSTRING=<                    (Incoming)>,-
19E3  2884                  SIZE=LONG,-
19E3  2885                  TYPE=COUNT,-
19E3  2886                  ADDR=PMS$GL_DEQ_IN
19E3  2887
19E3  2888          BLDIDB  NAME=DEQOUT,-
19E3  2889                  SSTRING=<>,-
19E3  2890                  LSTRING=<                    (Outgoing)>,-
19E3  2891
19E3  2892                  SIZE=LONG,-
19E3  2893                  TYPE=COUNT,-
19E3  2894                  ADDR=PMS$GL_DEQ_OUT
19E3  2895
19E3  2896          BLDIDB  NAME=BLKLOC,-
19E3  2897                  SSTRING=<>,-
19E3  2898                  LSTRING=<Blocking AST Rate  (Local)>,-
19E3  2899                  SIZE=LONG,-
19E3  2900                  TYPE=COUNT,-
19E3  2901                  ADDR=PMS$GL_BLK_LOC
19E3  2902
19E3  2903          BLDIDB  NAME=BLKIN,-
19E3  2904                  SSTRING=<>,-
19E3  2905                  LSTRING=<                    (Incoming)>,-
19E3  2906                  SIZE=LONG,-
19E3  2907                  TYPE=COUNT,-
19E3  2908                  ADDR=PMS$GL_BLK_IN
19E3  2909
19E3  2910          BLDIDB  NAME=BLKOUT,-
19E3  2911                  SSTRING=<>,-
19E3  2912                  LSTRING=<                    (Outgoing)>,-
19E3  2913                  SIZE=LONG,-
19E3  2914                  TYPE=COUNT,-
19E3  2915                  ADDR=PMS$GL_BLK_OUT
19E3  2916
19E3  2917          BLDIDB  NAME=DIRLOOK,-
19E3  2918                  SSTRING=<>,-
19E3  2919                  LSTRING=<Dir Lookup Rate (      ing)>,-
19E3  2920                  SIZE=LONG,-
19E3  2921                  TYPE=COUNT,-
19E3  2922                  ADDR=0
19E3  2923
19E3  2924          BLDIDB  NAME=DIRINS,-
19E3  2925                  SSTRING=<>,-
19E3  2926                  LSTRING=<Dir Insert Rate (      ing)>,-
19E3  2927                  SIZE=LONG,-
19E3  2928                  TYPE=COUNT,-
19E3  2929                  ADDR=0
19E3  2930
19E3  2931          BLDIDB  NAME=DIRDEL,-
19E3  2932                  SSTRING=<>,-
19E3  2933                  LSTRING=<Dir Delete Rate (      ing)>,-
```

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```
19E3    2934                    SIZE=LONG,-
19E3    2935                    TYPE=COUNT,-
19E3    2936                    ADDR=0
19E3    2937
19E3    2938            BLDIDB  NAME=DIRIN,-
19E3    2939                    SSTRING=<>,-
19E3    2940                    LSTRING=<Dir Functn Rate (Incoming)>,-
19E3    2941                    SIZE=LONG,-
19E3    2942                    TYPE=COUNT,-
19E3    2943                    ADDR=PMS$GL_DIR_IN
19E3    2944
19E3    2945            BLDIDB  NAME=DIROUT,-
19E3    2946                    SSTRING=<>,-
19E3    2947                    LSTRING=<                    (Outgoing)>,-
19E3    2948                    SIZE=LONG,-
19E3    2949                    TYPE=COUNT,-
19E3    2950                    ADDR=PMS$GL_DIR_OUT
19E3    2951
19E3    2952            BLDIDB  NAME=DLCKMSGS,-
19E3    2953                    SSTRING=<>,-
19E3    2954                    LSTRING=<Deadlock Message Rate>,-
19E3    2955                    SIZE=LONG,-
19E3    2956                    TYPE=COUNT,-
19E3    2957                    ADDR=DLCKMSGS
19E3    2958
19E3    2959    ;
19E3    2960    ; IDB's for the SCS class
19E3    2961    ;
19E3    2962
19E3    2963            BLDIDB  NAME=DGSENT,-
19E3    2964                    SSTRING=<>,-
19E3    2965                    LSTRING=<Datagram Send Rate>,-
19E3    2966                    SIZE=LONG,-
19E3    2967                    TYPE=COUNT,-
19E3    2968                    ADDR=0
19E3    2969
19E3    2970            BLDIDB  NAME=DGRCVD,-
19E3    2971                    SSTRING=<>,-
19E3    2972                    LSTRING=<Datagram Receive Rate>,-
19E3    2973                    SIZE=LONG,-
19E3    2974                    TYPE=COUNT,-
19E3    2975                    ADDR=0
19E3    2976
19E3    2977            BLDIDB  NAME=DGDISCARD,-
19E3    2978                    SSTRING=<>,-
19E3    2979                    LSTRING=<Datagram Discard Rate>,-
19E3    2980                    SIZE=LONG,-
19E3    2981                    TYPE=COUNT,-
19E3    2982                    ADDR=0
19E3    2983
19E3    2984            BLDIDB  NAME=MSGSENT,-
19E3    2985                    SSTRING=<>,-
19E3    2986                    LSTRING=<Message Send Rate>,-
19E3    2987                    SIZE=LONG,-
19E3    2988                    TYPE=COUNT,-
19E3    2989                    ADDR=0
19E3    2990
```

```
19E3  2991        BLDIDB  NAME=MSGRCVD,-
19E3  2992                SSTRING=<>,-
19E3  2993                LSTRING=<Message Receive Rate>,-
19E3  2994                SIZE=LONG,-
19E3  2995                TYPE=COUNT,-
19E3  2996                ADDR=0
19E3  2997
19E3  2998        BLDIDB  NAME=SNDATS,-
19E3  2999                SSTRING=<>,-
19E3  3000                LSTRING=<Send Data Rate>,-
19E3  3001                SIZE=LONG,-
19E3  3002                TYPE=COUNT,-
19E3  3003                ADDR=0
19E3  3004
19E3  3005        BLDIDB  NAME=KBYTSENT,-
19E3  3006                SSTRING=<>,-
19E3  3007                LSTRING=<Kbytes Send Rate>,-
19E3  3008                SIZE=LONG,-
19E3  3009                TYPE=COUNT,-
19E3  3010                ADDR=0
19E3  3011
19E3  3012        BLDIDB  NAME=REQDATS,-
19E3  3013                SSTRING=<>,-
19E3  3014                LSTRING=<Request Data Rate>,-
19E3  3015                SIZE=LONG,-
19E3  3016                TYPE=COUNT,-
19E3  3017                ADDR=0
19E3  3018
19E3  3019        BLDIDB  NAME=KBYTREQD,-
19E3  3020                SSTRING=<>,-
19E3  3021                LSTRING=<Kbytes Request Rate>,-
19E3  3022                SIZE=LONG,-
19E3  3023                TYPE=COUNT,-
19E3  3024                ADDR=0
19E3  3025
19E3  3026        BLDIDB  NAME=KBYTMAPD,-
19E3  3027                SSTRING=<>,-
19E3  3028                LSTRING=<Kbytes Map Rate>,-
19E3  3029                SIZE=LONG,-
19E3  3030                TYPE=COUNT,-
19E3  3031                ADDR=0
19E3  3032
19E3  3033        BLDIDB  NAME=QCR_CNT,-
19E3  3034                SSTRING=<>,-
19E3  3035                LSTRING=<Send Credit Queued Rate>,-
19E3  3036                SIZE=LONG,-
19E3  3037                TYPE=COUNT,-
19E3  3038                ADDR=0
19E3  3039
19E3  3040        BLDIDB  NAME=QBDT_CNT,-
19E3  3041                SSTRING=<>,-
19E3  3042                LSTRING=<Buffer Descr. Queued Rate>,-
19E3  3043                SIZE=LONG,-
19E3  3044                TYPE=COUNT,-
19E3  3045                ADDR=0
19E3  3046
19E3  3047
```

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```
19E3   3048  ;
19E3   3049  ;  IDBs for VMS1 - VMS development class
19E3   3050  ;
19E3   3051
19E3   3052          BLDIDB  NAME=VOLLCK,-
19E3   3053                  SSTRING=<VOLLCK>,-
19E3   3054                  LSTRING=<Volume Lock Req. Rate>,-
19E3   3055                  SIZE=LONG,-
19E3   3056                  TYPE=COUNT,-
19E3   3057                  ADDR=PMS$GL_VOLLCK
19E3   3058
19E3   3059          BLDIDB  NAME=SYNCHLCK,-
19E3   3060                  SSTRING=<SYNCHLCK>,-
19E3   3061                  LSTRING=<Other Sync Lock Req. Rate>,-
19E3   3062                  SIZE=LONG,-
19E3   3063                  TYPE=COUNT,-
19E3   3064                  ADDR=PMS$GL_SYNCHLCK
19E3   3065
19E3   3066          BLDIDB  NAME=SYNCHWAIT,-
19E3   3067                  SSTRING=<SYNCHWAIT>,-
19E3   3068                  LSTRING=<Other Sync Lock Wait Rate>,-
19E3   3069                  SIZE=LONG,-
19E3   3070                  TYPE=COUNT,-
19E3   3071                  ADDR=PMS$GL_SYNCHWAIT
19E3   3072
19E3   3073          BLDIDB  NAME=ACCLCK,-
19E3   3074                  SSTRING=<ACCLCK>,-
19E3   3075                  LSTRING=<Access Lock Req. Rate>,-
19E3   3076                  SIZE=LONG,-
19E3   3077                  TYPE=COUNT,-
19E3   3078                  ADDR=PMS$GL_ACCLCK
19E3   3079
19E3   3080          BLDIDB  NAME=XQPCACHEWAIT,-
19E3   3081                  SSTRING=<XQPCACHEWAIT>,-
19E3   3082                  LSTRING=<Cache Wait Rate>,-
19E3    083                  SIZE=LONG,-
19E3   3084                  TYPE=COUNT,-
19E3   3085                  ADDR=PMS$GL_XQPCACHEWAIT
19E3   3086
19E3   3087
```

```
                    19E3  3089  ;
                    19E3  3090  ; The CLASSTABLE will ultimately be generated by the BLDCDB macro; it is
                    19E3  3091  ; temporarily being hard-coded here.
                    19E3  3092  ;
                    19E3  3093  ;
                    19E3  3094  classtable::
                    19E3  3095  ;
                    19E3  3096  ;
                    19E3  3097  ;
                    19E3  3098  ; The first longword below contains the count of longwords in CLASSTABLE
                    19E3  3099  ;
                    19E3  3100
        00000026'   19E3  3101              .long    <<all_clsno + 1>*2>
        00001A7F'   19E7  3102              .long    10$
        00000000    19EB  3103              .long    0
        00001A89'   19EF  3104              .long    20$
        00000001    19F3  3105              .long    1
        00001A90'   19F7  3106              .long    30$
        00000002    19FB  3107              .long    2
        00001A96'   19FF  3108              .long    40$
        00000003    1A03  3109              .long    3
        00001A9B'   1A07  3110              .long    50$
        00000004    1A0B  3111              .long    4
        00001A9E'   1A0F  3112              .long    60$
        00000005    1A13  3113              .long    5
        00001AA2'   1A17  3114              .long    70$
        00000006    1A1B  3115              .long    6
        00001AA7'   1A1F  3116              .long    80$
        00000007    1A23  3117              .long    7
        00001AAC'   1A27  3118              .long    90$
        00000008    1A2B  3119              .long    8
        00001AB3'   1A2F  3120              .long    100$
        00000009    1A33  3121              .long    9
        00001ABE'   1A37  3122              .long    110$
        0000000A    1A3B  3123              .long    10
        00001AC1'   1A3F  3124              .long    120$
        0000000B    1A43  3125              .long    11
        00001AD3'   1A47  3126              .long    130$
        0000000C    1A4B  3127              .long    12
        00001AD8'   1A4F  3128              .long    140$
        0000000D    1A53  3129              .long    13
        00001AE0'   1A57  3130              .long    150$
        0000000E    1A5B  3131              .long    14
        00001AE6'   1A5F  3132              .long    160$
        0000000F    1A63  3133              .long    15
        00001AEA'   1A67  3134              .long    170$
        00000010    1A6B  3135              .long    16
        00001AEF'   1A6F  3136              .long    180$
        00000011    1A73  3137              .long    17
                    1A77  3138  ;
                    1A77  3139  ;  Insert new classes here
                    1A77  3140  ;  ALL Pseudo-class must always be last class
                    1A77  3141  ;
        00001AF6'   1A77  3142              .long    1280$
        00000012'   1A7B  3143              .long    ALL_CLSNO                 ; ALL classes pseudo-class
                    1A7F  3144
        00000011    1A7F  3145  max_class_no == 17                             ; maximum class number
```

```
                          00000012  1A7F  3146 all_clsno == max_class_no + 1          ; All-class pseudo-class number
                                    1A7F  3147
      53 45 53 53 45 43 4F 52 50 00' 1A7F  3148 10$:    .ascic  \PROCESSES\
                                 09 1A7F
         53 45 54 41 54 53 00' 1A89  3149 20$:    .ascic  \STATES\
                              06 1A89
         53 45 44 4F 4D 00' 1A90  3150 30$:    .ascic  \MODES\
                           05 1A90
            45 47 41 50 00' 1A96  3151 40$:    .ascic  \PAGE\
                         04 1A96
               4F 49 00' 1A9B  3152 50$:    .ascic  \IO\
                      02 1A9B
            50 43 46 00' 1A9E  3153 60$:    .ascic  \FCP\
                        03 1A9E
         4C 4F 4F 50 00' 1AA2  3154 70$:    .ascic  \POOL\
                        04 1AA2
         4B 43 4F 4C 00' 1AA7  3155 80$:    .ascic  \LOCK\
                        04 1AA7
      54 45 4E 43 45 44 00' 1AAC  3156 90$:    .ascic  \DECNET\
                           06 1AAC
47 4E 49 4C 41 4E 52 55 4F 4A 00' 1AB3  3157 100$:   .ascic  \JOURNALING\
                              0A 1AB3
               55 52 00' 1ABE  3158 110$:   .ascic  \RU\
                      02 1ABE
4D 45 54 53 59 53 5F 45 4C 49 46 00' 1AC1  3159 120$:   .ascic  \FILE_SYSTEM_CACHE\
            45 48 43 41 43 5F 1ACD
                           11 1AC1
            4B 53 49 44 00' 1AD3  3160 130$:   .ascic  \DISK\
                        04 1AD3
      45 43 49 56 45 44 4A 00' 1AD8  3161 140$:   .ascic  \JDEVICE\
                           07 1AD8
         4B 43 4F 4C 44 00' 1AE0  3162 150$:   .ascic  \DLOCK\
                        05 1AE0
            53 43 53 00' 1AE6  3163 160$:   .ascic  \SCS\
                      03 1AE6
            31 53 4D 56 00' 1AEA  3164 170$:   .ascic  \VMS1\
                        04 1AEA
      4D 45 54 53 59 53 00' 1AEF  3165 180$:   .ascic  \SYSTEM\
                           06 1AEF
                                    1AF6  3166                                  ; Insert new classes here
53 45 53 53 41 4C 43 5F 4C 4C 41 00' 1AF6  3167 1280$:  .ascic  \ALL_CLASSES\
                              0B 1AF6
                                    1B02  3168 .END
```

```
$$CHD_COUNT              = 00000001              CDB$V_CPU               = 00000001
$$CHD_PRES               = 00000000              CDB$V_CPU_COMB          = 00000003
$$11                     = 000019E3 R      01    CDB$V_CTPRES            = 00000000
$$VAL                    = 00000BF4              CDB$V_DISABLE           = 00000009
ALL_CLSNO                = 00000012  G           CDB$V_DISKAC            = 00000006
ALL_KEYWORD                000006C1 R      01    CDB$V_DISKVN            = 00000007
ALL_STAT                 = 00000000              CDB$V_EXPLIC            = 0000000C
AVE_STAT                 = 00000002              CDB$V_FILLER            = 0000000D
BALSETMEM_DEF            ********        X  01    CDB$V_HOMOG             = 00000005
BIGHOLE                  ********        XX 01    CDB$V_KUNITS            = 0000000A
BLKAST                   ********        X  01    CDB$V_PERCENT           = 00000000
BU_SYS_SINGLE              00000BE2 RG     01    CDB$V_QFILLER           = 00000002
BYTE_SIZE                = 00000000  G           CDB$V_STD               = 00000004
CDB                      = 00000000              CDB$V_SWAPBUF           = 00000001
CDB$A_BUFFERS            = 0000002E              CDB$V_SYSCLS            = 00000008
CDB$A_CDX                = 00000032              CDB$V_UNIFORM           = 00000002
CDB$A_CHDHDR             = 0000004F              CDB$V_WIDE              = 0000000B
CDB$A_FAOCTR             = 00000004              CDB$W_BLKLEN            = 00000020
CDB$A_ITMSTR             = 0000001C              CDB$W_DISPCTL           = 00000036
CDB$A_POSTCOLL           = 00000026              CDB$W_QFLAGS            = 00000045
CDB$A_PRECOLL            = 00000022              CDB$W_QFLAGS_CUR        = 00000049
CDB$A_SUMBUF             = 0000000C              CDB$W_QFLAGS_DEF        = 00000047
CDB$A_TITLE              = 00000010              CDBHEAD                   00000008 RG     01
CDB$B_FAOPRELEN          = 00000041              CLASSTABLE                000019E3 RG     01
CDB$B_FAOSEGLEN          = 00000040              CLASS_HDR               = 00000000
CDB$B_ST                 = 00000042              COUNT_TYPE              = 00000001  G
CDB$B_ST_CUR             = 00000044              CPU_BUSY                ********        X  01
CDB$B_ST_DEF             = 00000043              CUR_STAT                = 00000001
CDB$K_SIZE               = 00000053              DECNETSTR                 000009FB R      01
CDB$L_BUFFERS            = 0000002A              DECNETTITLE               00000A01 R      01
CDB$L_ECOUNT             = 00000018              DECNET_CHD                00000D03 R      01
CDB$L_FAOCTR             = 00000000              DECNET_PRE              ********        X  01
CDB$L_FLAGS              = 0000004B              DEF$A_DISP              = 0000000C
CDB$L_ICOUNT             = 00000014              DEF$A_REC               = 00000004
CDB$L_MIN                = 00000038              DEF$A_SUMM              = 00000014
CDB$L_RANGE              = 0000003C              DEF$L_DISP              = 00000008
CDB$L_SUMBUF             = 00000008              DEF$L_REC               = 00000000
CDB$M_CPU                = 00000002              DEF$L_SUMM              = 00000010
CDB$M_CPU_COMB           = 00000008              DEF$S_DEF_DESC          = 00000018
CDB$M_CTPRES             = 00000001              DEF_DESC                = 00000000
CDB$M_DISABLE            = 00000200              DEQ                     ********        X  01
CDB$M_DISKAC             = 00000040              DIRDATA_TRIES           ********        X  01
CDB$M_DISKVN             = 00000080              DIRFCB_TRIES            ********        X  01
CDB$M_EXPLIC             = 00001000              DISKSTR                   00000B08 R      01
CDB$M_HOMOG              = 00000020              DISKTITLE                 00000AF4 R      01
CDB$M_KUNITS             = 00000400              DISK_CDX                  00000631 R      01
CDB$M_PERCENT            = 00000001              DISK_CHD                  00000D55 R      01
CDB$M_STD                = 00000010              DISK_CLSNO              = 0000000C  G
CDB$M_SWAPBUF            = 00000002              DISK_DISPNAM            ********        X  01
CDB$M_SYSCLS             = 00000100              DISK_LTAB                 000006C5 R      01
CDB$M_UNIFORM            = 00000004              DISK_PRE                ********        X  01
CDB$M_WIDE               = 00000800              DLCKMSGS                ********        X  01
CDB$S_CDB                = 00000053              DLOCKSTR                  00000B56 R      01
CDB$S_FILLER             = 00000013              DLOCKSTR1                 00000B65 R      01
CDB$S_FLAGS              = 00000000              DLOCKSTR2                 00000B73 R      01
CDB$S_QFILLER            = 0000000E              DLOCKTITLE                00000B2F R      01
CDB$S_QFLAGS             = 00000002              DLOCK_CHD                 00000D8B R      01
```

```
DLOCK_CLSNO           = 0000000E  G        JDEVICE_CDX             00000661  R      01
DLOCK_PRE               ********    X   01  JDEVICE_CHD             0000007D  R      01
DYNINOSE                ********    X   01  JDEVICE_LTAB            00000715  R      01
ECOUNT_SYS_ALL        = 0000000E  G        JDEVICE_PRE             ********    X   01
ECOUNT_SYS_SINGLE     = 00000011  G        JOURNALSTR             00000A73  R      01
ENQCVT                  ********    X   01  JOURNALSTR1            00000A80  R      01
ENQNEW                  ********    X   01  JOURNALTITLE          00000A54  R      01
EXT_TRIES               ********    X   01  JOURNAL_CHD           00000D11  R      01
FCPCACHE                ********    X   01  LAST_CHD              00000DDD  R      01
FCPCALLS                ********    X   01  LEVEL_TYPE           = 00000002  G
FCPCPU                  ********    X   01  LOCKCNT                ********    X   01
FCPFAULT                ********    X   01  LOCKSTR               000009CD  R      01
FCPREAD                 ********    X      LOCKSTR1              000009D6  R      01
FCPSTR                 00000954  R      01  LOCKTITLE             000009E0  R      01
FCPSTR1               00000960  R      01  LOCK_CHD              00000CE8  R      01
FCPSTR2               0000096C  R      01  LOCK_PRE               ********    X   01
FCPTITLE              0000093A  R      01  LONG_SIZE           = 00000002  G
FCPWRITE                ********    X   01  LRPCNT                 ********    X   01
FCP_CHD               00000C98  R      01  LRPINUSE               ********    X   01
FCP_PRE                 ********    X   01  MAX_CLASS_NO        = 00000011  G
FID_TRIES               ********    X   01  MAX_NAME_SIZE       = 0000001A  G
FILE_HDR             = 00000000            MAX_STAT            = 00000004
FILHDR_TRIES            ********    X   01  MIN_STAT            = 00000003
FMT_SYS_SINGLE       00000C26  RG     01  MNR_CLSSB_TYPE      = 00000000
FSCACHESTR           00000AD7  R      01  MNR_CLSSK_HSIZE     = 0000000D
FSCACHESTR1          00000ADF  R      01  MNR_CLSSQ_STAMP     = 00000003
FSCACHETITLE         00000AB8  R      01  MNR_CLSSS_CLASS_HDR = 0000000D
FSCACHE_CHD          00000D3A  R      01  MNR_CLSSS_FILLER    = 0000000F
FSCACHE_PRE             ********    X   01  MNR_CLSSS_FLAGS     = 00000002
HOLECNT                 ********    XX  01  MNR_CLSSS_STAMP     = 00000008
HOLESUM                 ********    X   01  MNR_CLSSV_CONT      = 00000000
HOM_CLASS_PRE        = 00000000            MNR_CLSSV_FILLER    = 00000001
IDB                  = 00000000            MNR_CLSSW_FLAGS     = 00000001
IDB$A_ADDR           = 0000000C            MNR_CLSSW_RESERVED  = 0000000B
IDB$A_LNAME          = 00000004            MNR_HDRB_TYPE       = 00000000
IDB$A_SNAME          = 00000000            MNR_HDRK_CLASSBITS  = 00000073
IDB$B_FLAGS          = 00000010            MNR_HDRK_MAXCOMLEN  = 0000003C
IDB$K_ILENGTH        = 00000011            MNR_HDRK_REVLEVELS  = 00000083
IDB$M_PCNT           = 00000001            MNR_HDRK_SIZE       = 00000103
IDB$S_FILLER         = 00000007            MNR_HDRL_FLAGS      = 00000001
IDB$S_FLAGS          = 00000001            MNR_HDRL_INTERVAL   = 00000015
IDB$S_IDB            = 00000011            MNR_HDRL_RECCT      = 00000029
IDB$V_FILLER         = 00000001            MNR_HDRO_CLASSBITS  = 00000073
IDB$V_PCNT           = 00000000            MNR_HDRO_REVOCLSBITS = 00000019
IDB$W_ISIZE          = 00000008            MNR_HDRQ_BEGINNING  = 00000005
IDB$W_TYPE           = 0000000A            MNR_HDRQ_ENDING     = 0000000D
IORATESTR            00000A46  R      01  MNR_HDRS_BEGINNING  = 00000008
IORATETITLE          00000A30  R      01  MNR_HDRS_CLASSBITS  = 00000010
IO_CHD               00000C8A  R      01  MNR_HDRS_COMMENT    = 0000003C
IRPCNT                  ********    X   01  MNR_HDRS_ENDING     = 00000008
IRPINUSE                ********    X   01  MNR_HDRS_FILE_HDR   = 00000103
ISA_END              00000C45  R      01  MNR_HDRS_FILLER     = 00000020
ISS_END              00000BE2  R      01  MNR_HDRS_FLAGS      = 00000004
ITMSTR_SYS_ALL       00000C37  RG     01  MNR_HDRS_LEVEL      = 00000003
ITMSTR_SYS_SINGLE    00000BD1  RG     01  MNR_HDRS_REVOCLSBITS = 00000010
JDEVICESTR           00000B29  R      01  MNR_HDRS_REVLEVELS  = 00000080
JDEVICETITLE         00000B0B  R      01  MNR_HDRS_TYPE       = 00000008
```

MNR_HDR$T_COMMENT	= 00000035		MODES_CHD	00000C6E R	01
MNR_HDR$T_LEVEL	= 0000002D		MODES_CLSNO	= 00000002 G	
MNR_HDR$T_REVLEVELS	= 00000083		MODES_ICOUNT	= 00000007 G	
MNR_HDR$V_FILLER	= 00000000		MODES_PRE	******** X	01
MNR_HDR$W_COMLEN	= 00000071		MODES_STRLEN	= 00000019 G	
MNR_HOM$K_PSIZE	= 00000008		MODETITLE	00000883 RG	01
MNR_HOM$L_ELTCT	= 00000000		MPWHILIM_DEF	******** X	01
MNR_HOM$L_RESERVED	= 00000004		NUMB_BAR	= 00000000 G	
MNR_HOM$S_HOM_CLASS_PRE	= 00000008		NUMB_ONLY	= 00000001 G	
MNR_PRO$B_PRI	= 0000000A		OTHER_STATES	******** X	01
MNR_PRO$K_DSIZE	= 0000003B		OWN_TYPE	= 00000000 G	
MNR_PRO$K_FSIZE	= 00000040		PAGESTR	00000978 R	01
MNR_PRO$K_PSIZE	= 00000008		PAGETITLE	00000985 R	01
MNR_PRO$K_REV0DSIZE	= 00000033		PAGE_CHD	00000C7C R	01
MNR_PRO$K_REV1DSIZE	= 0000003B		PAGE_PRE	******** X	01
MNR_PRO$L_BIOCNT	= 0000002F		PERFTABLE	00000DDE RG	01
MNR_PRO$L_CPUTIM	= 0000002B		PFN$C_FREPAGLST	= 00000000	
MNR_PRO$L_DIOCNT	= 00000023		PFN$C_MFYPAGLST	= 00000001	
MNR_PRO$L_EFWM	= 00000037		PFN$C_WRTINPROG	= 00000005	
MNR_PRO$L_EPID	= 00000033		PMS$AL_TRANSFLT	******** X	01
MNR_PRO$L_IPID	= 00000000		PMS$C_ACCESS	= 0000003E	
MNR_PRO$L_PAGEFLTS	= 00000027		PMS$C_ACCLCK	= 000000B3	
MNR_PRO$L_PCTINT	= 00000004		PMS$C_ALLOC	= 0000003F	
MNR_PRO$L_PCTREC	= 00000000		PMS$C_ARRLOCPK	= 00000057	
MNR_PRO$L_STS	= 0000001F		PMS$C_ARRTRAPK	= 00000059	
MNR_PRO$L_UIC	= 00000004		PMS$C_BIGHOLE	= 00006033	
MNR_PRO$O_LNAME	= 0000000B		PMS$C_BLKAST	= 00000050	
MNR_PRO$S_LNAME	= 00000010		PMS$C_BLKIN	= 0000009C	
MNR_PRO$S_PROCESS_CLASS	= 0000003B		PMS$C_BLKLOC	= 0000009B	
MNR_PRO$S_PRO_CLASS_PRE	= 00000008		PMS$C_BLKOUT	= 0000009D	
MNR_PRO$W_GPGCNT	= 0000001B		PMS$C_BUFIO	= 0000003A	
MNR_PRO$W_PPGCNT	= 0000001D		PMS$C_CEF	= 00000011	
MNR_PRO$W_STATE	= 00000008		PMS$C_COLPG	= 0000000F	
MNR_SYI$B_MPCPUS	= 0000000D		PMS$C_COM	= 0000001A	
MNR_SYI$B_TYPE	= 00000000		PMS$C_COMO	= 0000001B	
MNR_SYI$K_BALSETMEM	= 0000001E		PMS$C_CPUBUSY	= 0000000E	
MNR_SYI$K_CPUTYPE	= 00000026		PMS$C_CUR	= 0000001C	
MNR_SYI$K_MPWHILIM	= 00000022		PMS$C_DEPLOCPK	= 00000058	
MNR_SYI$K_NODENAME	= 0000000E		PMS$C_DEQ	= 0000004F	
MNR_SYI$K_SIZE	= 0000002A		PMS$C_DEQIN	= 00000099	
MNR_SYI$L_BALSETMEM	= 0000001E		PMS$C_DEQLOC	= 00000098	
MNR_SYI$L_CPUTYPE	= 00000026		PMS$C_DEQOUT	= 0000009A	
MNR_SYI$L_MPWHILIM	= 00000022		PMS$C_DGDISCARD	= 000000A6	
MNR_SYI$Q_BOOTTIME	= 00000003		PMS$C_DGRCVD	= 000000A5	
MNR_SYI$S_BOOTTIME	= 00000008		PMS$C_DGSENT	= 000000A4	
MNR_SYI$S_FILLER	= 0000000E		PMS$C_DIRDATA_HIT	= 0000007E	
MNR_SYI$S_FLAGS	= 00000002		PMS$C_DIRDATA_HITPCNT	= 0000007D	
MNR_SYI$S_NODENAME	= 00000010		PMS$C_DIRDATA_TRIES	= 0000007F	
MNR_SYI$S_SYS_INFO	= 0000002A		PMS$C_DIRDEL	= 000000A0	
MNR_SYI$S_TYPE	= 00000008		PMS$C_DIRFCB_HIT	= 0000007A	
MNR_SYI$T_NODENAME	= 0000000E		PMS$C_DIRFCB_HITPCNT	= 00000079	
MNR_SYI$V_CLUSMEM	= 00000000		PMS$C_DIRFCB_MISS	= 0000007C	
MNR_SYI$V_FILLER	= 00000002		PMS$C_DIRFCB_TRIES	= 0000007B	
MNR_SYI$V_RESERVED1	= 00000001		PMS$C_DIRIN	= 000000A1	
MNR_SYI$W_FLAGS	= 00000001		PMS$C_DIRINS	= 0000009F	
MNR_SYI$W_MAXPRCCT	= 0000000B		PMS$C_DIRIO	= 00000039	
MODESTR	0000089B RG	01	PMS$C_DIRLOOK	= 0000009E	

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MONDAT
Symbol table
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Symbol	Value		Symbol	Value
PMSSC_DIROUT	= 000000A2		PMSSC_JNLCHNLS	= 0000005D
PMSSC_DLCKFND	= 00000054		PMSSC_JNLDIRIO	= 00000062
PMSSC_DLCKMSGS	= 000000A3		PMSSC_JNLFORFL	= 00000066
PMSSC_DLCKSRCH	= 00000053		PMSSC_JNLFORNL	= 00000065
PMSSC_DYNINUSE	= 00000036		PMSSC_JNLIOCNT	= 0000008D
PMSSC_DZROFLTS	= 0000002A		PMSSC_JNLJRNLS	= 0000005C
PMSSC_ENQCVT	= 0000004E		PMSSC_JNLWRTAI	= 0000005E
PMSSC_ENQCVTIN	= 00000096		PMSSC_JNLWRTAT	= 00000060
PMSSC_ENQCVTLOC	= 00000095		PMSSC_JNLWRTBI	= 0000005F
PMSSC_ENQCVTOUT	= 00000097		PMSSC_JNLWRTFM	= 00000068
PMSSC_ENQNEW	= 0000004D		PMSSC_JNLWRTRU	= 00000061
PMSSC_ENQNEWIN	= 00000093		PMSSC_JNLWRTSS	= 00000064
PMSSC_ENQNEWLOC	= 00000092		PMSSC_KBYTMAPD	= 000000AD
PMSSC_ENQNEWOUT	= 00000094		PMSSC_KBYTREQD	= 000000AC
PMSSC_ENQNOTQD	= 00000052		PMSSC_KBYTSENT	= 000000AA
PMSSC_ENQWAIT	= 00000051		PMSSC_LEF	= 00000013
PMSSC_EXTHIT	= 00000081		PMSSC_LEFO	= 00000014
PMSSC_EXTHITPCNT	= 00000080		PMSSC_LOGNAM	= 0000003D
PMSSC_EXTMISS	= 00000083		PMSSC_LRPCNT	= 0000002C
PMSSC_EXT_TRIES	= 00000082		PMSSC_LRPINUSE	= 0000002D
PMSSC_FAULTS	= 00000021		PMSSC_MBREADS	= 0000003B
PMSSC_FCPCACHE	= 00000044		PMSSC_MBWRITES	= 0000003C
PMSSC_FCPCALLS	= 00000040		PMSSC_MFYFLTS	= 00000029
PMSSC_FCPCPU	= 00000046		PMSSC_MODLIST	= 00000020
PMSSC_FCPCREATE	= 00000041		PMSSC_MSGRCVD	= 000000A8
PMSSC_FCPERASE	= 0000004B		PMSSC_MSGSENT	= 000000A7
PMSSC_FCPFAULT	= 0000004A		PMSSC_MWAIT	= 00000010
PMSSC_FCPHIT	= 00000048		PMSSC_NUMLOCKS	= 00000055
PMSSC_FCPREAD	= 00000042		PMSSC_NUMRES	= 00000056
PMSSC_FCPSPLIT	= 00000049		PMSSC_OPCNT	= 0000008B
PMSSC_FCPTURN	= 00000047		PMSSC_OPENS	= 0000004C
PMSSC_FCPWRITE	= 00000043		PMSSC_OTHSTAT	= 0000001D
PMSSC_FIDHIT	= 00000073		PMSSC_PCOMPAT	= 00000005
PMSSC_FIDHITPCNT	= 00000072		PMSSC_PEXEC	= 00000002
PMSSC_FIDMISS	= 00000075		PMSSC_PFW	= 00000012
PMSSC_FID_TRIES	= 00000074		PMSSC_PIDLE	= 00000006
PMSSC_FILHDR_HIT	= 00000077		PMSSC_PINTERRUPT	= 00000000
PMSSC_FILHDR_HITPCNT	= 00000076		PMSSC_PKERNEL	= 00000001
PMSSC_FILHDR_TRIES	= 00000078		PMSSC_PREADIO	= 00000025
PMSSC_FPG	= 00000019		PMSSC_PREADS	= 00000022
PMSSC_FREFLTS	= 00000028		PMSSC_PROCS	= 0000001E
PMSSC_FRLIST	= 0000001F		PMSSC_PSUPER	= 00000003
PMSSC_GVALFLTS	= 00000026		PMSSC_PUSER	= 00000004
PMSSC_HIB	= 00000015		PMSSC_PWRITES	= 00000023
PMSSC_HIBO	= 00000016		PMSSC_PWRITIO	= 00000024
PMSSC_HOLECNT	= 00000032		PMSSC_QBDT_CNT	= 000000AF
PMSSC_HOLESUM	= 00000035		PMSSC_QCR_CNT	= 000000AE
PMSSC_IOQUELEN	= 0000008C		PMSSC_QUOHIT	= 00000085
PMSSC_IRPCNT	= 0000002E		PMSSC_QUOHITPCNT	= 00000084
PMSSC_IRPINUSE	= 0000002F		PMSSC_QUOMISS	= 00000087
PMSSC_ISWPCNT	= 00000038		PMSSC_QUO_TRIES	= 00000086
PMSSC_JDEXCNT	= 00000091		PMSSC_RCVBUFFL	= 0000005B
PMSSC_JDFQLEN	= 00000090		PMSSC_REQDATS	= 000000AB
PMSSC_JDNQLEN	= 0000008E		PMSSC_RUFABORT	= 00000071
PMSSC_JDWQLEN	= 0000008F		PMSSC_RUFACTIV	= 00000069
PMSSC_JNLBUFIO	= 00000063		PMSSC_RUFCHNLS	= 0000006B
PMSSC_JNLBUFWR	= 00000067		PMSSC_RUFJNLS	= 0000006A

```
PMS$C_RUFMARK           = 0000006F      PMS$GL_ENQNOTQD         ********  X   01
PMS$C_RUFMRKRB          = 00000070      PMS$GL_ENQWAIT          ********  X   01
PMS$C_RUFREADS          = 0000006D      PMS$GL_ERASEIO          ********  X   01
PMS$C_RUFWRTS           = 0000006C      PMS$GL_EXTHIT           ********  X   01
PMS$C_RUFXTNDS          = 0000006E      PMS$GL_EXTMISS          ********  X   01
PMS$C_SCOMPAT           = 0000000C      PMS$GL_FAULTS           ********  X   01
PMS$C_SEXEC             = 00000009      PMS$GL_FCP2             ********  X   01
PMS$C_SIDLE             = 0000000D      PMS$GL_FIDHIT           ********  X   01
PMS$C_SINTERRUPT        = 00000007      PMS$GL_FIDMISS          ********  X   01
PMS$C_SKERNEL           = 00000008      PMS$GL_FILHDR_HIT       ********  X   01
PMS$C_SMALLCNT          = 00000037      PMS$GL_GVALID           ********  X   01
PMS$C_SMALLHOLE         = 00000034      PMS$GL_HIT              ********  X   01
PMS$C_SNDATS            = 000000A9      PMS$GL_JNLBUFIO         ********  X   01
PMS$C_SRPCNT            = 00000030      PMS$GL_JNLBUFWR         ********  X   01
PMS$C_SRPINUSE          = 00000031      PMS$GL_JNLCHNLS         ********  X   01
PMS$C_SSUPER            = 0000000A      PMS$GL_JNLDIRIO         ********  X   01
PMS$C_STORAGMAP_HIT     = 00000089      PMS$GL_JNLFORFL         ********  X   01
PMS$C_STORAGMAP_HITPCNT = 00000088      PMS$GL_JNLFORNL         ********  X   01
PMS$C_STORAGMAP_TRIES   = 0000008A      PMS$GL_JNLJRNLS         ********  X   01
PMS$C_SUSER             = 0000000B      PMS$GL_JNLWRTAI         ********  X   01
PMS$C_SUSP              = 00000017      PMS$GL_JNLWRTAT         ********  X   01
PMS$C_SUSPO             = 00000018      PMS$GL_JNLWRTBI         ********  X   01
PMS$C_SYNCHLCK          = 000000B1      PMS$GL_JNLWRTFM         ********  X   01
PMS$C_SYNCHWAIT         = 000000B2      PMS$GL_JNLWRTRU         ********  X   01
PMS$C_SYSFAULTS         = 0000002B      PMS$GL_JNLWRTSS         ********  X   01
PMS$C_TABLESIZE         = 000000B5      PMS$GL_LOGNAM           ********  X   01
PMS$C_TRCNGLOS          = 0000005A      PMS$GL_MBREADS          ********  X   01
PMS$C_VOLLCK            = 000000B0      PMS$GL_MBWRITES         ********  X   01
PMS$C_VOLWAIT           = 00000045      PMS$GL_OPENS            ********  X   01
PMS$C_WRTINPROG         = 00000027      PMS$GL_PREADIO          ********  X   01
PMS$C_XQPCACHEWAIT      = 000000B4      PMS$GL_PWRITES          ********  X   01
PMS$GL_ACCLCK           ********  X 01  PMS$GL_PWRITIO          ********  X   01
PMS$GL_ARRLOCPK         ********  X 01  PMS$GL_QUOHIT           ********  X   01
PMS$GL_ARRTRAPK         ********  X 01  PMS$GL_QUOMISS          ********  X   01
PMS$GL_BLK_IN           ********  X 01  PMS$GL_RCVBUFFL         ********  X   01
PMS$GL_BLK_LOC          ********  X 01  PMS$GL_RDFLTS           ********  X   01
PMS$GL_BLK_OUT          ********  X 01  PMS$GL_RUFABORT         ********  X   01
PMS$GL_BUFIO            ********  X 01  PMS$GL_RUFACTIV         ********  X   01
PMS$GL_DEPLOCPK         ********  X 01  PMS$GL_RUFCHNLS         ********  X   01
PMS$GL_DEQ_IN           ********  X 01  PMS$GL_RUFJNLS          ********  X   01
PMS$GL_DEQ_LOC          ********  X 01  PMS$GL_RUFMARK          ********  X   01
PMS$GL_DEQ_OUT          ********  X 01  PMS$GL_RUFMRKRB         ********  X   01
PMS$GL_DIRDATA_HIT      ********  X 01  PMS$GL_RUFREADS         ********  X   01
PMS$GL_DIRHIT           ********  X 01  PMS$GL_RUFWRTS          ********  X   01
PMS$GL_DIRIO            ********  X 01  PMS$GL_RUFXTNDS         ********  X   01
PMS$GL_DIRMISS          ********  X 01  PMS$GL_SPLIT            ********  X   01
PMS$GL_DIR_IN           ********  X 01  PMS$GL_STORAGMAP_HIT    ********  X   01
PMS$GL_DIR_OUT          ********  X 01  PMS$GL_SYNCHLCK         ********  X   01
PMS$GL_DLCRFND          ********  X 01  PMS$GL_SYNCHWAIT        ********  X   01
PMS$GL_DLCKSRCH         ********  X 01  PMS$GL_TRCNGLOS         ********  X   01
PMS$GL_DZROFLTS         ********  X 01  PMS$GL_TURN             ********  X   01
PMS$GL_ENQCVT_IN        ********  X 01  PMS$GL_VOLLCK           ********  X   01
PMS$GL_ENQCVT_LOC       ********  X 01  PMS$GL_VOLWAIT          ********  X   01
PMS$GL_ENQCVT_OUT       ********  X 01  PMS$GL_XQPCACHEWAIT     ********  X   01
PMS$GL_ENQNEW_IN        ********  X 01  POOLSTR                 000009A0  R   01
PMS$GL_ENQNEW_LOC       ********  X 01  POOLSTR1                000009A8  R   01
PMS$GL_ENQNEW_OUT       ********  X 01  POOLTITLE               000009B4  R   01
```

POOL_CHD	00000CCD R		01	QUAL$L_VIEW	= 00000020			
POOL_PRE	********	X	01	QUAL$S_QUALIFIER_DESC	= 000000C0			
PROCDISPS	= 00000005			QUALIFIER_DESC	= 00000000			
PROCESSES_CHD	00000C45 R		01	QUO_TRIES	********	X	01	
PROCESS_CLASS	= 00000000			RECOVERYSTR	00000AAF R		01	
PROCS_CLSNO	= 00000000	G		RECOVERYTITLE	00000A8D R		01	
PROCTITLE	000008A9 RG		01	REGTITLE	000008BD R		01	
PROC_COUNT	********	X	01	REG_PROC	= 00000000			
PROC_PRE	********	X	01	RESCNT	********	X	01	
PRO_CLASS_PRE	= 00000000			RU_CHD	00000D2C R		01	
QUAL$A_ALL	= 00000064			SCH$GL_FREECNT	********	X	01	
QUAL$A_AVE	= 00000074			SCH$GL_MFYCNT	********	X	01	
QUAL$A_BEG	= 00000004			SCSSTR	00000B91 R		01	
QUAL$A_BY_NODE	= 00000054			SCSTITLE	00000B82 R		01	
QUAL$A_CLASS	= 0000005C			SCS_CDX	00000691 R		01	
QUAL$A_COMM	= 0000004C			SCS_CHD	00000DB3 R		01	
QUAL$A_CPU	= 000000AC			SCS_DISPNAM	********	X		
QUAL$A_CUR	= 0000006C			SCS_FAO	********	X		
QUAL$A_DISP	= 00000034			SCS_LTAB	0000079C R			
QUAL$A_END	= 0000000C			SCS_PRE	********	X	01	
QUAL$A_FLUSH	= 0000001C			SMALLCNT	********	X	01	
QUAL$A_INP	= 0000002C			SMALLHOLE	********	X	01	
QUAL$A_INT	= 00000014			SRPCNT	********	X	01	
QUAL$A_ITEM	= 000000BC			SRPINUSE	********	X	01	
QUAL$A_MAX	= 00000084			STATESTR	00000A22 R		01	
QUAL$A_MIN	= 0000007C			STATES_CHD	00000C60 R		01	
QUAL$A_PCENT	= 00000084			STATES_CLSNO	= 00000001	G		
QUAL$A_REC	= 0000003C			STATES_PRE	********	X	01	
QUAL$A_SUMM	= 00000044			STATETITLE	00000A13 R		01	
QUAL$A_TOPB	= 0000009C			STATS	= 00000005			
QUAL$A_TOPC	= 0000008C			STORAGMAP_TRIES	********	X	01	
QUAL$A_TOPD	= 00000094			ST_LEVEL_CUR	00000000 RG		01	
QUAL$A_TOPF	= 000000A4			SWP$GL_ISWPCNT	********	X	01	
QUAL$A_VIEW	= 00000024			SYSFAULTS	********	X	01	
QUAL$L_ALL	= 00000060			SYSTEMSTR	00000BC8 R		01	
QUAL$L_AVE	= 00000070			SYSTEMTITLE	00000BB6 R		01	
QUAL$L_BEG	= 00000000			SYSTEM_CHD	00000DCF R		01	
QUAL$L_BY_NODE	= 00000050			SYSTEM_CLSNO	= 00000011	G		
QUAL$L_CLASS	= 00000058			SYS_INFO	= 00000000			
QUAL$L_COMM	= 00000048			TOPBTITLE	000008FC R		01	
QUAL$L_CPU	= 000000A8			TOPB_PROC	= 00000003			
QUAL$L_CUR	= 00000068			TOPCTITLE	000008C7 R		01	
QUAL$L_DISP	= 00000030			TOPC_PROC	= 00000001			
QUAL$L_END	= 00000008			TOPDTITLE	000008DE R		01	
QUAL$L_FLUSH	= 00000018			TOPD_PROC	= 00000002			
QUAL$L_INP	= 00000028			TOPFTITLE	0000091C R		01	
QUAL$L_INT	= 00000010			TOPF_PROC	= 00000004			
QUAL$L_ITEM	= 000000B8			TOP_RANGE	= 00000014	G		
QUAL$L_MAX	= 00000080			VMS1STR	00000BAF R		01	
QUAL$L_MIN	= 00000078			VMS1TITLE	00000B9D R		01	
QUAL$L_PCENT	= 00000080			VMS1_CHD	00000DC1 R		01	
QUAL$L_REC	= 00000038			WIDE_NAME_SIZE	= 00000022	G		
QUAL$L_SUMM	= 00000040			WORD_SIZE	= 00000001	G		
QUAL$L_TOPB	= 00000098							
QUAL$L_TOPC	= 00000088							
QUAL$L_TOPD	= 00000090							
QUAL$L_TOPF	= 000000A0							

```
                                        +-----------------+
                                        ! Psect synopsis  !
                                        +-----------------+

PSECT name                    Allocation         PSECT No.   Attributes
----------                    ----------         ---------   ----------
 . ABS .                      00000000 (     0.)  00 (   0.)  NOPIC  USR  CON  ABS  LCL NOSHR NOEXE NORD  NOWRT NOVEC BYTE
DSPDATA                       00001B02 (  6914.)  01 (   1.)  NOPIC  USR  CON  REL  LCL NOSHR NOEXE  RD   WRT NOVEC QUAD
$ABS$                         00000000 (     0.)  02 (   2.)  NOPIC  USR  CON  ABS  LCL NOSHR  EXE   RD   WRT NOVEC BYTE
$$STRINGS                     0000112F (  4399.)  03 (   3.)  NOPIC  USR  CON  REL  LCL NOSHR NOEXE  RD   WRT NOVEC BYTE
```

```
                             +---------------------------+
                             ! Performance indicators !
                             +---------------------------+
```

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.06	00:00:00.70
Command processing	126	00:00:00.79	00:00:05.06
Pass 1	515	00:00:25.00	00:00:57.33
Symbol table sort	0	00:00:04.01	00:00:06.80
Pass 2	424	00:00:09.26	00:00:19.47
Symbol table output	1	00:00:00.45	00:00:01.28
Psect synopsis output	0	00:00:00.03	00:00:00.11
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	1097	00:00:39.61	00:01:30.77

The working set limit was 2250 pages.
137331 bytes (269 pages) of virtual memory were used to buffer the intermediate code.
There were 90 pages of symbol table space allocated to hold 835 non-local and 1170 local symbols.
3168 source lines were read in Pass 1, producing 68 object records in Pass 2.
26 pages of virtual memory were used to define 17 macros.

```
                             +-----------------------------+
                             ! Macro library statistics !
                             +-----------------------------+
```

Macro library name	Macros defined
_255DUA28:[MONTOR.OBJ]MONLIB.MLB;1	4
_255DUA28:[SYS.OBJ]LIB.MLB;1	2
_255DUA28:[SYSLIB]STARLET.MLB;2	4
TOTALS (all libraries)	10

671 GETS were required to define 10 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:MONDAT/OBJ=OBJ$:MONDAT MSRC$:MONDAT/UPDATE=(ENH$:MONDAT)+EXECMLS/LIB+LIB$:MONLIB/LIB

HOMOG
LIS

MONITOR
LIS

MFSUMM
LIS

MONDAT
LIS